

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
 Data File : BM038832.D
 Acq On : 02 Mar 2023 11:07
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Mar 02 12:27:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	216551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.827	136	971050	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	605251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1319879	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1339878	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1558726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	27377	4.721	ng/uL	0.00
4) Pyridine-d5	3.804	84	239906	15.046	ng/u1	0.00
7) Phenol-d5	7.157	99	368150	18.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	243578	18.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	287851	19.027	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	280682	17.549	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	131249	19.253	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	120050	18.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	267515	18.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	420172	16.983	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	874910	18.663	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1001820	18.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	144265	15.373	ng/u1	0.00
60) Fluorene-d10	15.633	176	775016	18.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	89676	13.069	ng/u1	0.00
73) Anthracene-d10	17.486	188	1148375	17.645	ng/u1	0.00
81) Pyrene-d10	19.774	212	1428940	19.390	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	1488186	18.946	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	7847	1.259	ng/uL	97
5) Pyridine	3.828	79	65994	3.845	ng/u1#	81
6) Benzaldehyde	7.139	77	47776	4.859	ng/u1	96
8) Phenol	7.181	94	97903	4.506	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	78539	4.540	ng/u1	99
12) 2-Chlorophenol	7.569	128	71246	4.573	ng/u1	95
13) 2-Methylphenol	8.451	108	66598	4.100	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.545	45	98724	4.546	ng/u1	98
16) Acetophenone	8.833	105	129005	4.641	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.822	70	59077	4.627	ng/u1	98
18) 4-Methylphenol	8.775	108	79706	4.419	ng/u1	97
19) Hexachloroethane	9.098	117	27178	4.354	ng/u1	96
22) Nitrobenzene	9.216	77	87195	4.675	ng/u1	98
23) Isophorone	9.745	82	165723	4.369	ng/u1	99
25) 2-Nitrophenol	9.933	139	34961	4.615	ng/u1	93
26) 2,4-Dimethylphenol	9.992	107	74338	3.994	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.233	93	108691	4.669	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	71464	4.749	ng/u1	98
30) Naphthalene	10.874	128	265460	4.791	ng/u1	99
32) 4-Chloroaniline	10.980	127	111280	4.442	ng/u1	100
33) Hexachlorobutadiene	11.169	225	45601	4.871	ng/u1	95
34) Caprolactam	11.739	113	22062m	4.276	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	71152	4.183	ng/u1	98
36) 2-Methylnaphthalene	12.480	142	172808	4.778	ng/u1	99

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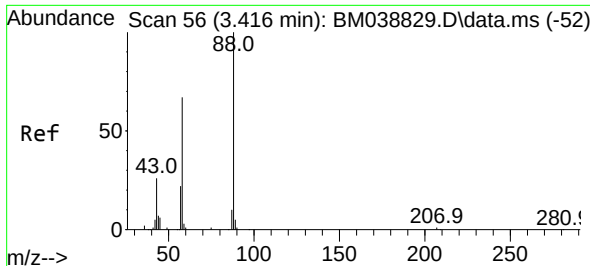
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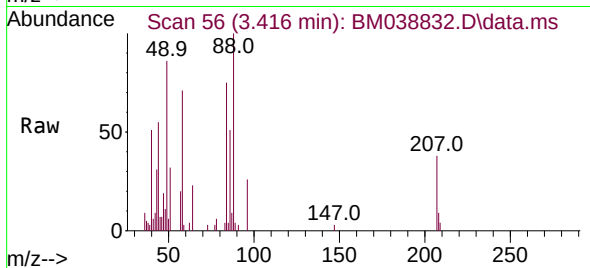
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	138543	3.802	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	91172	5.036	ng/ul	99
40) Hexachlorocyclopentadiene	12.827	237	49782	5.097	ng/ul	95
41) 2,4,6-Trichlorophenol	13.080	196	49749	4.356	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	54080	4.303	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	237723	4.980	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	182864	4.856	ng/ul	99
45) 2-Nitroaniline	13.721	65	32522	3.827	ng/ul	92
47) Dimethylphthalate	14.104	163	229014	4.821	ng/ul	99
48) 2,6-Dinitrotoluene	14.215	165	26111	3.473	ng/ul	90
50) Acenaphthylene	14.368	152	296963	4.887	ng/ul	99
51) 3-Nitroaniline	14.539	138	32270	3.420	ng/ul#	98
52) Acenaphthene	14.710	153	205417	4.911	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	21360	4.998	ng/ul	92
55) 4-Nitrophenol	14.833	109	33692m	4.495	ng/ul	
56) Dibenzofuran	15.045	168	288846	4.974	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	43837	3.772	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	47019	4.297	ng/ul#	99
59) Diethylphthalate	15.462	149	214932	4.572	ng/ul	99
61) Fluorene	15.692	166	238482	4.898	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	114753	4.882	ng/ul	96
63) 4-Nitroaniline	15.698	138	37472m	3.840	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.751	198	27179	3.827	ng/ul#	76
67) N-Nitrosodiphenylamine	15.898	169	186480	4.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	62905	4.630	ng/ul	99
69) Hexachlorobenzene	16.692	284	81173	4.933	ng/ul	99
70) Atrazine	16.845	200	52136	3.861	ng/ul	98
71) Pentachlorophenol	17.033	266	38793	3.877	ng/ul	98
72) Phenanthrene	17.427	178	379442	4.976	ng/ul	99
74) Anthracene	17.521	178	359403	4.629	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	71222	3.829	ng/uL	98
76) Pentachlorobenzene	14.962	250	69055	3.613	ng/uL	98
77) Carbazole	17.786	167	321696	4.462	ng/ul	99
78) Di-n-butylphthalate	18.362	149	301554	4.111	ng/ul	100
80) Fluoranthene	19.439	202	409261	4.829	ng/ul	99
82) Pyrene	19.803	202	476746	5.130	ng/ul	98
83) Butylbenzylphthalate	20.703	149	98170	3.975	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	97347	3.708	ng/ul	99
85) Benzo(a)anthracene	21.550	228	438582	4.737	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	164804	4.014	ng/ul	98
87) Chrysene	21.603	228	448616	4.955	ng/ul	100
89) Di-n-octyl phthalate	22.438	149	247421	3.157	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	452881	4.679	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	474237	4.770	ng/ul	99
93) Benzo(a)pyrene	23.909	252	431981	4.818	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.579	276	550724	4.647	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	464478	4.646	ng/ul	99
96) Benzo(g,h,i)perylene	27.362	276	460932	4.750	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.259 ng/uL
RT: 3.416 min Scan# 50
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

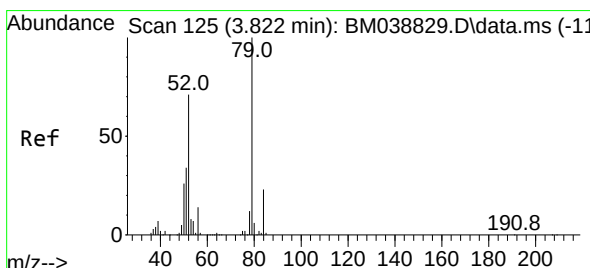
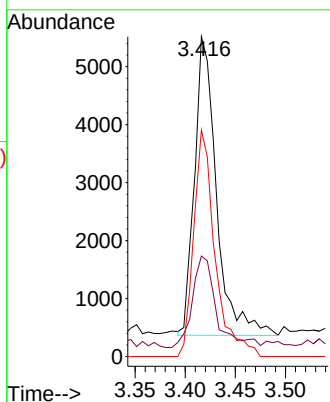
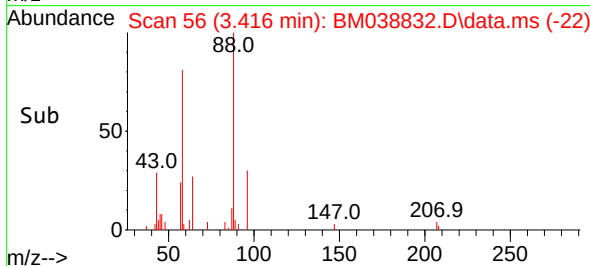
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.4	21.5	32.3
58	70.8	56.4	84.6

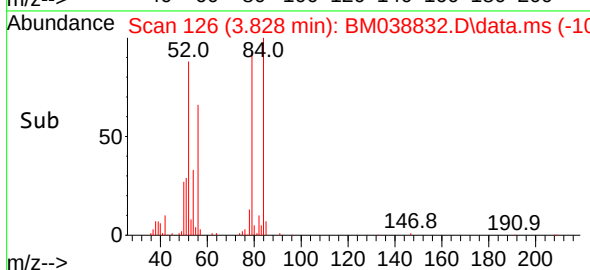
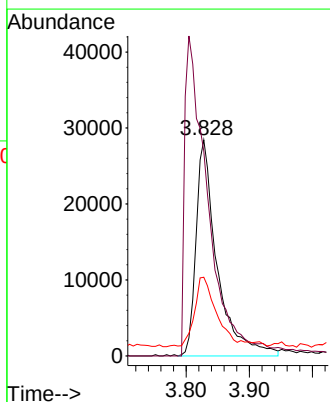
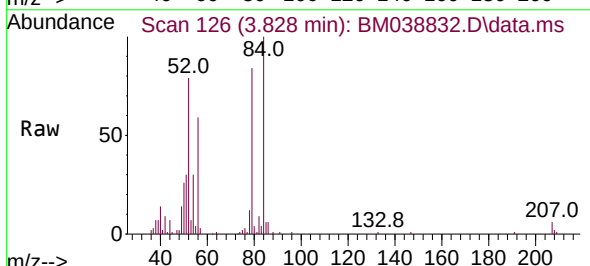
Manual Integrations
APPROVED

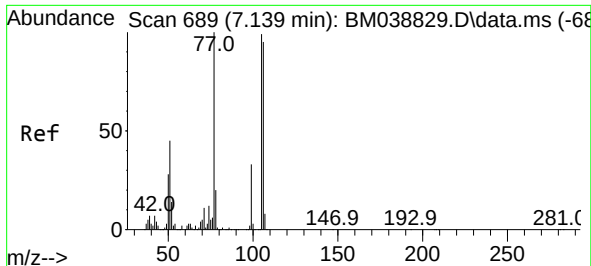
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#5
Pyridine
Concen: 3.845 ng/uL
RT: 3.828 min Scan# 126
Delta R.T. 0.005 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

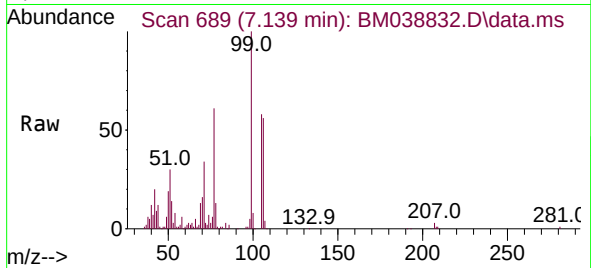
Tgt Ion	Ratio	Lower	Upper
79	100		
52	94.8	57.8	86.6
51	36.5	27.8	41.6





#6
Benzaldehyde
Concen: 4.859 ng/ul
RT: 7.139 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

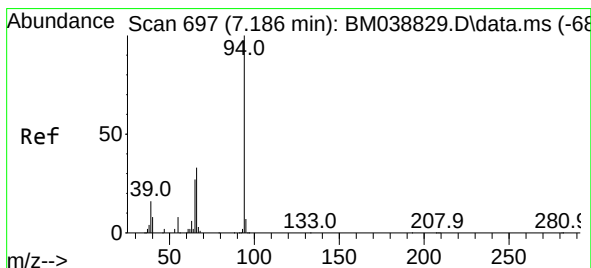
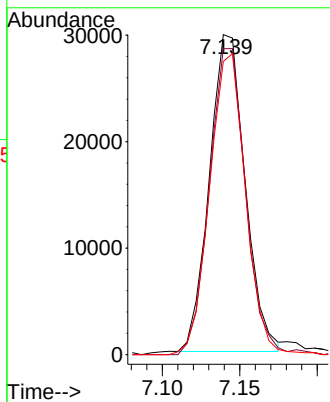
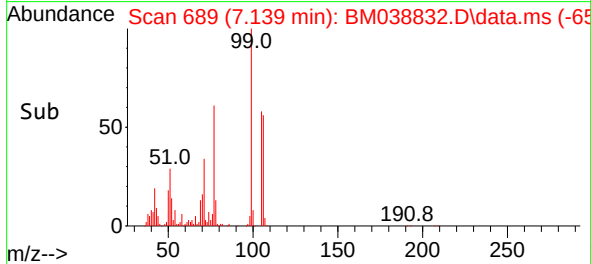
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



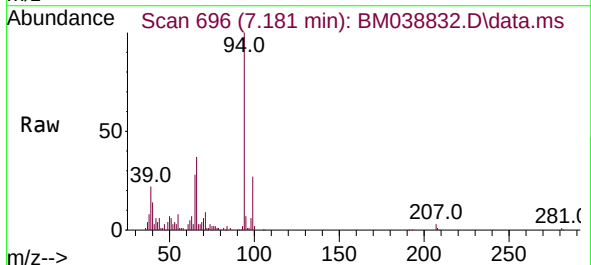
Tgt Ion: 77 Resp: 47776
Ion Ratio Lower Upper
77 100
105 95.6 77.9 116.9
106 91.6 78.3 117.5

Manual Integrations
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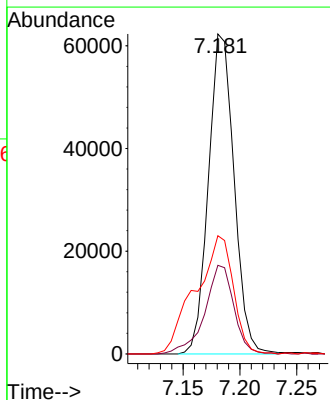
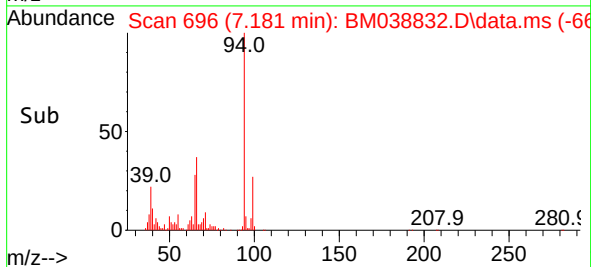
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

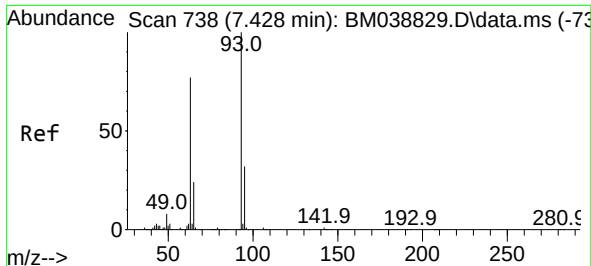


#8
Phenol
Concen: 4.506 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



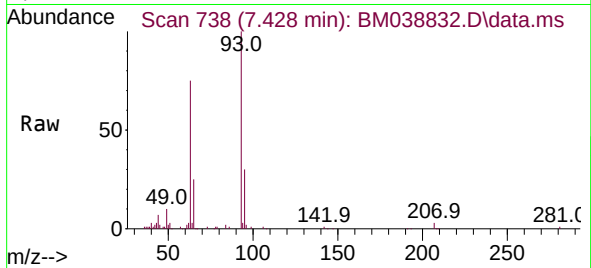
Tgt Ion: 94 Resp: 97903
Ion Ratio Lower Upper
94 100
65 27.7 22.1 33.1
66 36.9 28.6 43.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.540 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

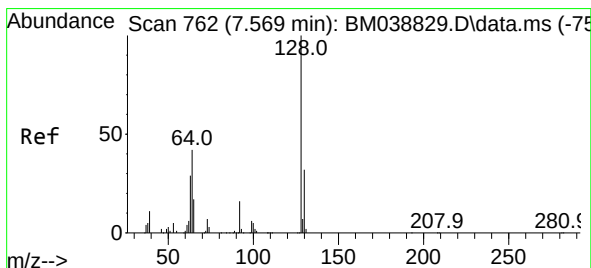
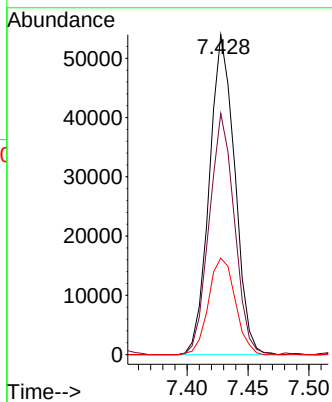
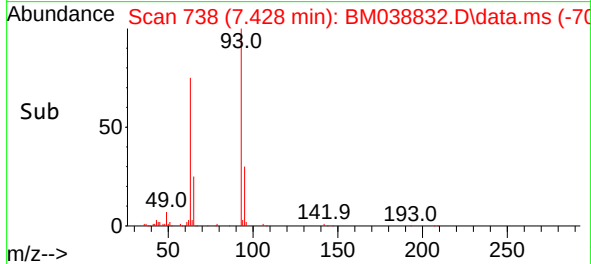
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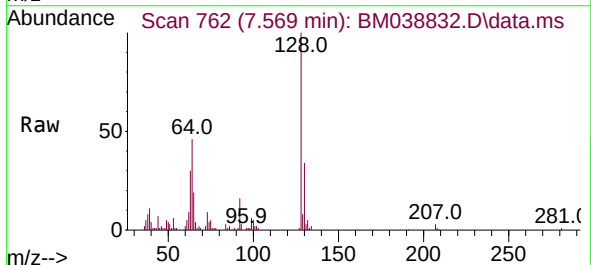
Tgt Ion: 93 Resp: 78539
Ion Ratio Lower Upper
93 100
63 75.4 60.3 90.5
95 30.2 25.8 38.6

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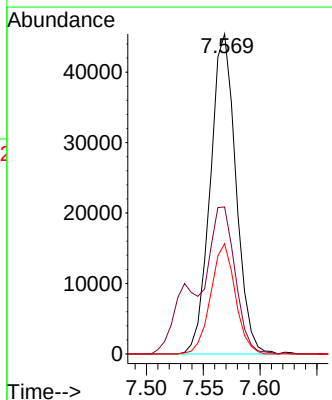
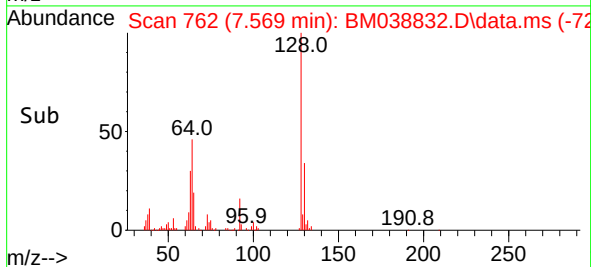
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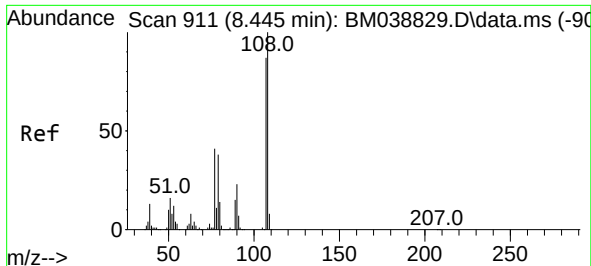


#12
2-Chlorophenol
Concen: 4.573 ng/ul
RT: 7.569 min Scan# 762
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



Tgt Ion:128 Resp: 71246
Ion Ratio Lower Upper
128 100
64 45.9 38.9 58.3
130 34.4 25.1 37.7





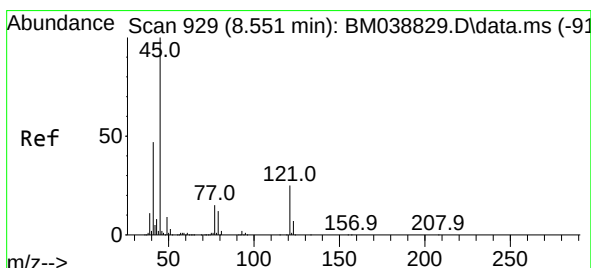
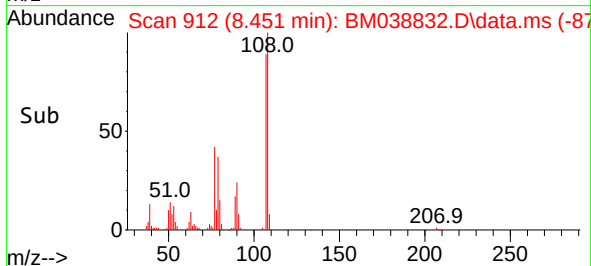
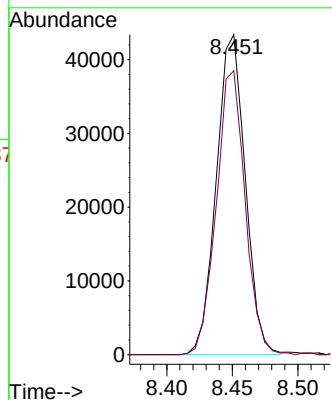
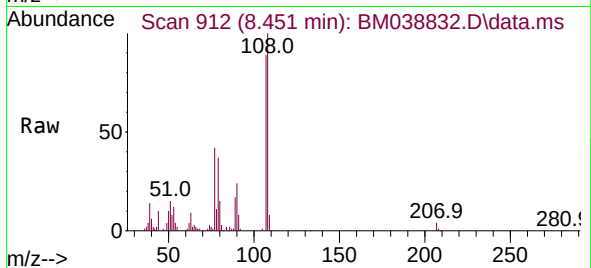
#13
2-Methylphenol
Concen: 4.100 ng/ul
RT: 8.451 min Scan# 911
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

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Tgt Ion:108 Resp: 66598
Ion Ratio Lower Upper
108 100
107 88.7 69.0 103.6

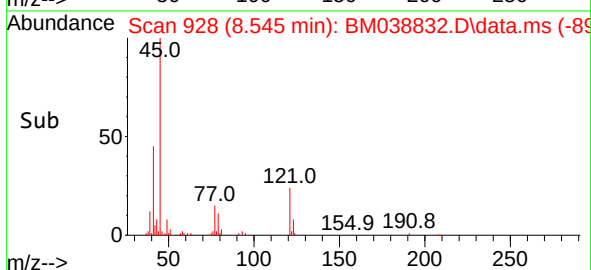
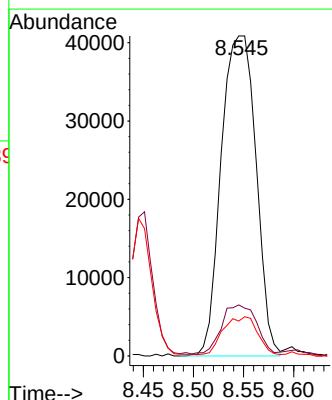
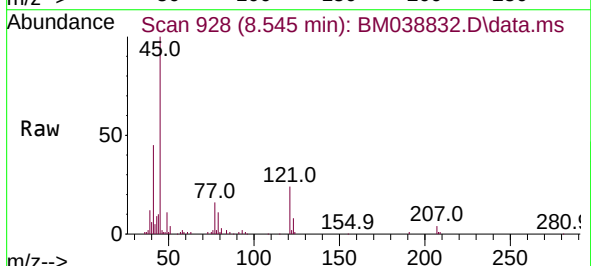
Manual Integrations
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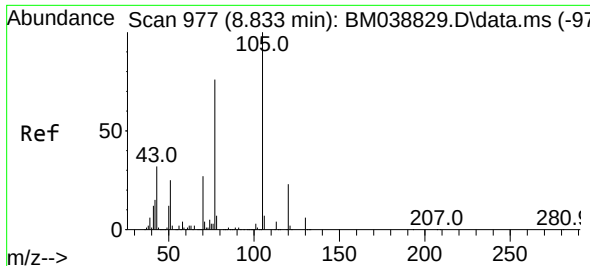
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.546 ng/ul
RT: 8.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

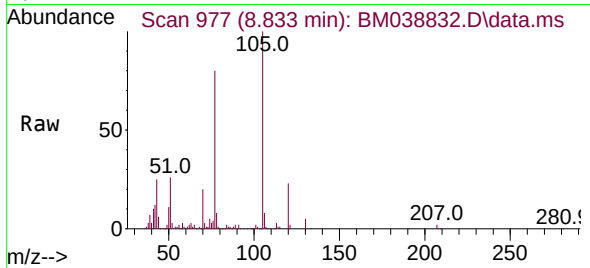
Tgt Ion: 45 Resp: 98724
Ion Ratio Lower Upper
45 100
77 15.9 12.4 18.6
79 10.9 9.4 14.0





#16
Acetophenone
Concen: 4.641 ng/ul
RT: 8.833 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM038832.D
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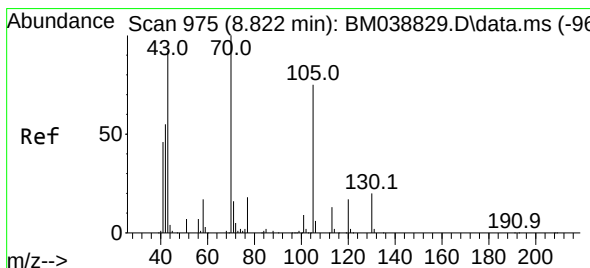
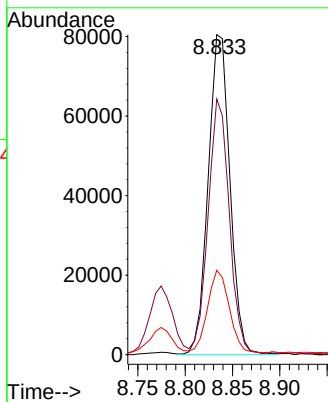
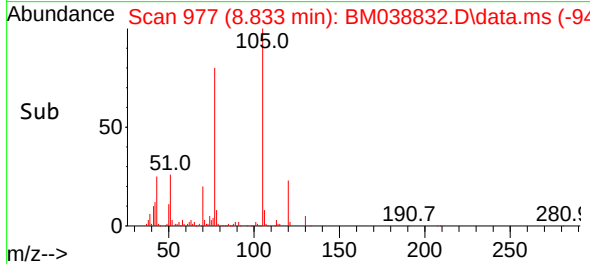
Instrument :
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Tgt Ion:105 Resp: 129005
Ion Ratio Lower Upper
105 100
77 79.9 62.6 93.8
51 26.3 20.8 31.2

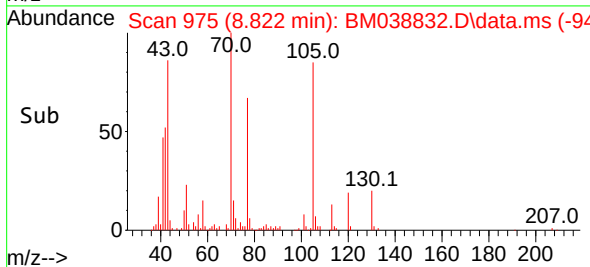
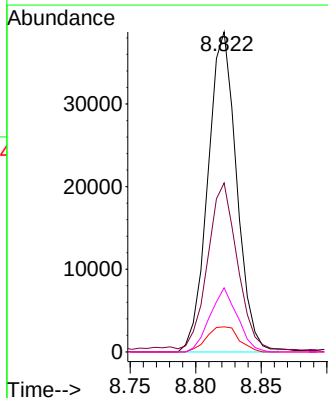
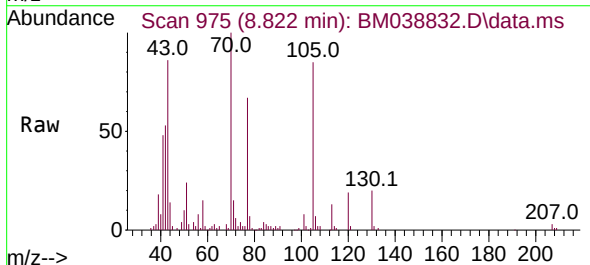
Manual Integrations
APPROVED

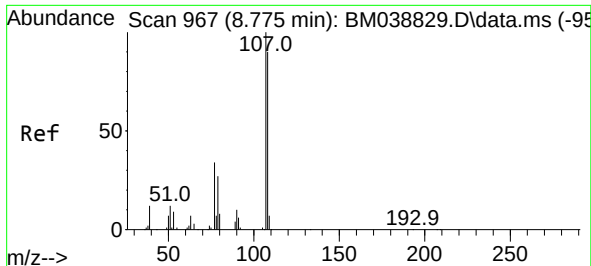
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.627 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

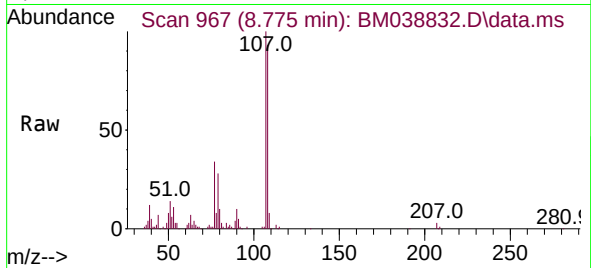
Tgt Ion: 70 Resp: 59077
Ion Ratio Lower Upper
70 100
42 52.8 43.5 65.3
101 7.8 7.2 10.8
130 20.0 16.0 24.0





#18
4-Methylphenol
Concen: 4.419 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

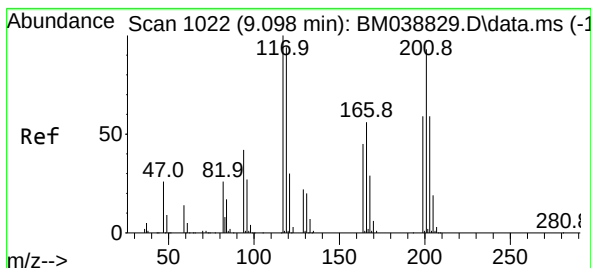
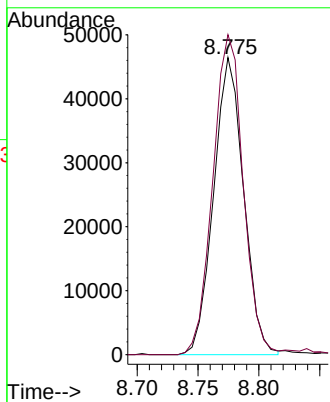
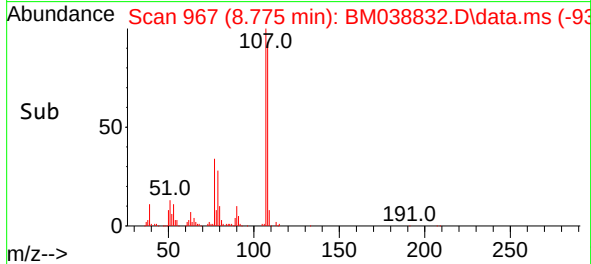
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:108 Resp: 79706
Ion Ratio Lower Upper
108 100
107 107.7 89.0 133.6

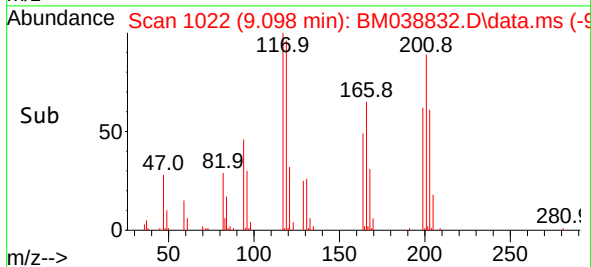
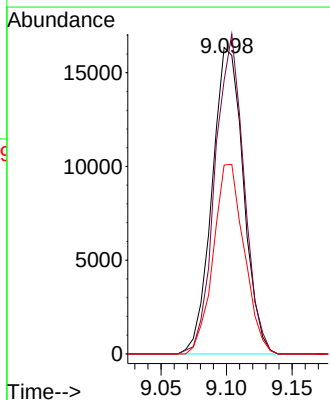
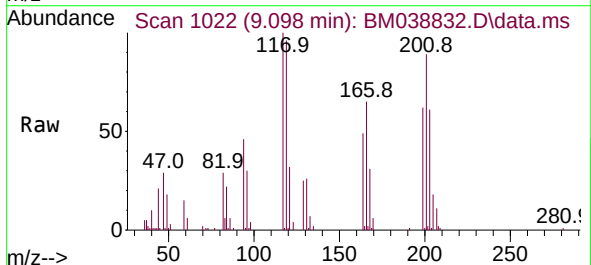
Manual Integrations
APPROVED

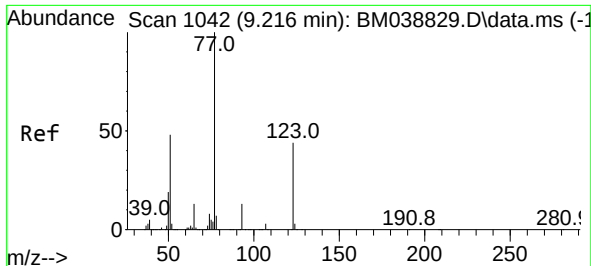
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#19
Hexachloroethane
Concen: 4.354 ng/ul
RT: 9.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

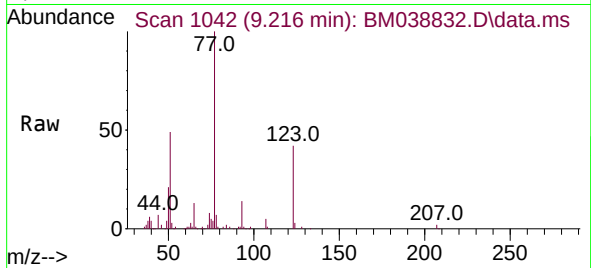
Tgt Ion:117 Resp: 27178
Ion Ratio Lower Upper
117 100
201 91.6 76.6 115.0
199 61.6 46.6 70.0





#22
Nitrobenzene
Concen: 4.675 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

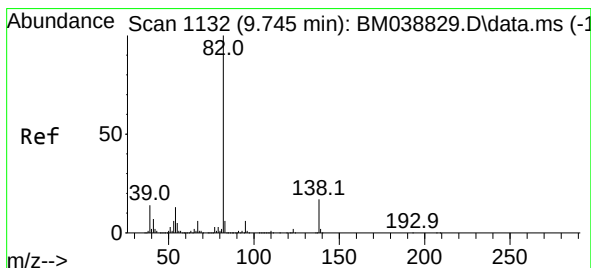
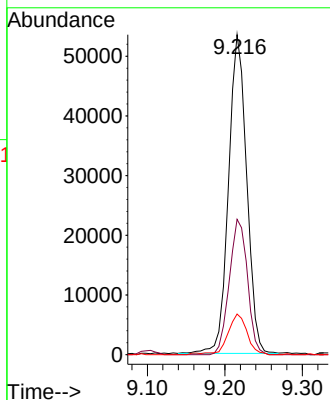
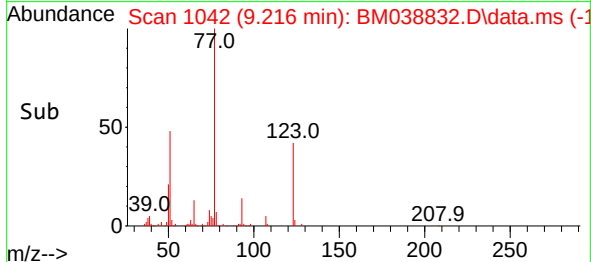
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion: 77 Resp: 87195
Ion Ratio Lower Upper
77 100
123 42.3 35.3 52.9
65 12.7 10.6 15.8

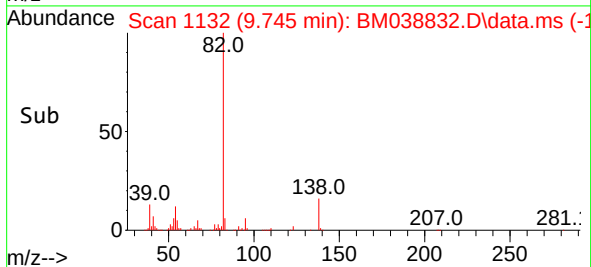
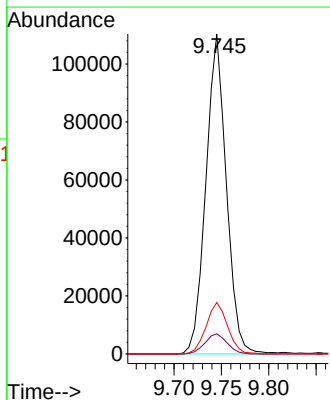
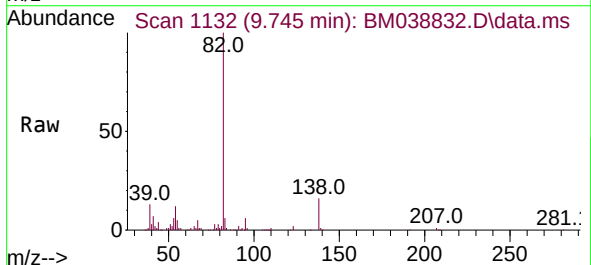
Manual Integrations
APPROVED

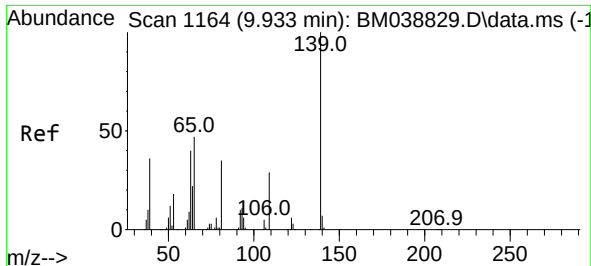
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#23
Isophorone
Concen: 4.369 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Tgt Ion: 82 Resp: 165723
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 16.0 13.1 19.7





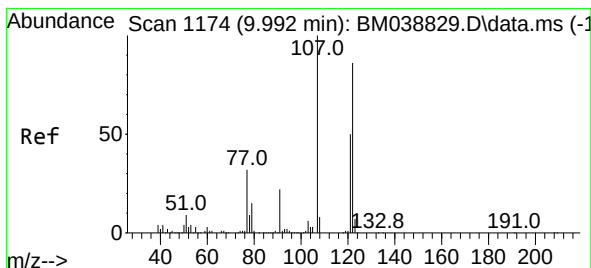
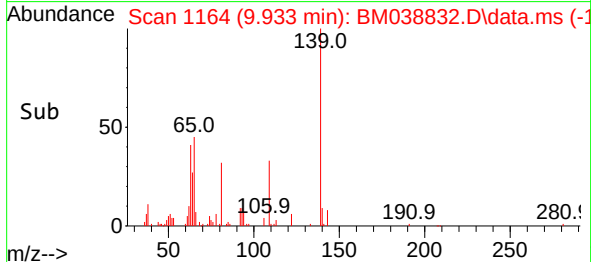
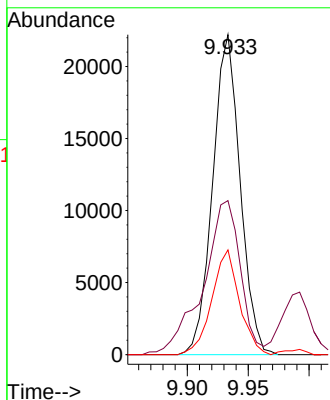
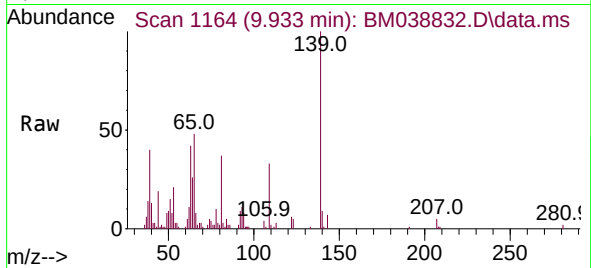
#25
2-Nitrophenol
Concen: 4.615 ng/ul
RT: 9.933 min Scan# 1164
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02

Tgt Ion:139 Resp: 3496
Ion Ratio Lower Upper
139 100
65 48.1 42.6 63.8
109 32.7 23.1 34.7

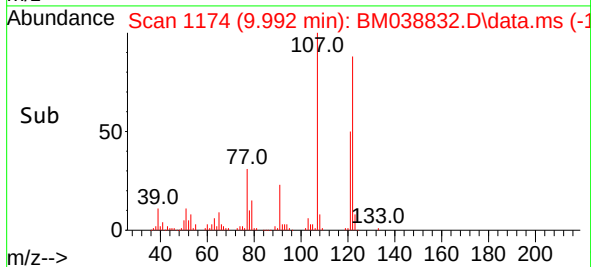
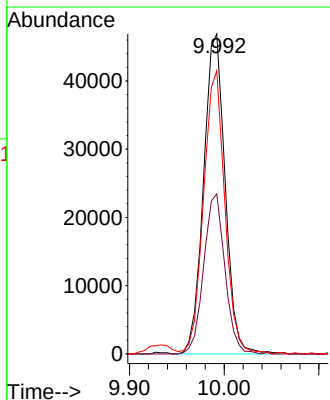
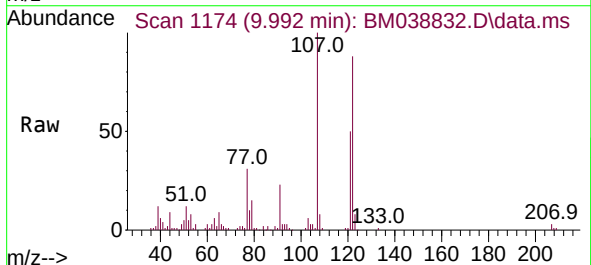
Manual Integrations
APPROVED

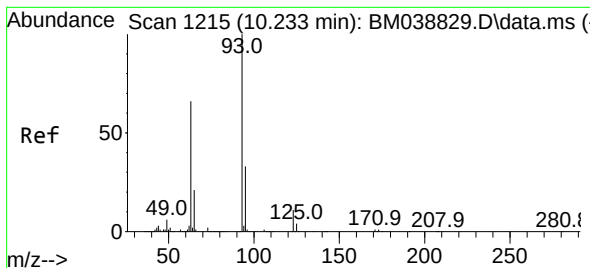
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#26
2,4-Dimethylphenol
Concen: 3.994 ng/ul
RT: 9.992 min Scan# 1174
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

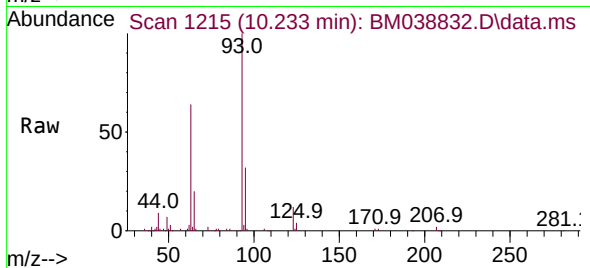
Tgt Ion:107 Resp: 74338
Ion Ratio Lower Upper
107 100
121 50.0 39.8 59.8
122 88.5 69.0 103.4





#27
Bis(2-Chloroethoxy)methane
Concen: 4.669 ng/ul
RT: 10.233 min Scan# 1215
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

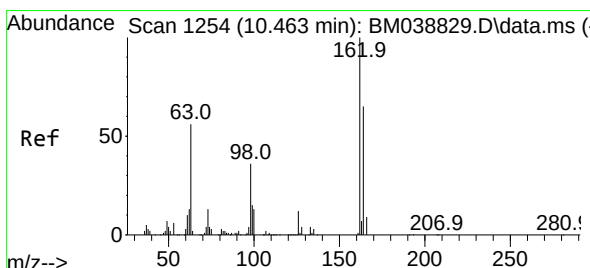
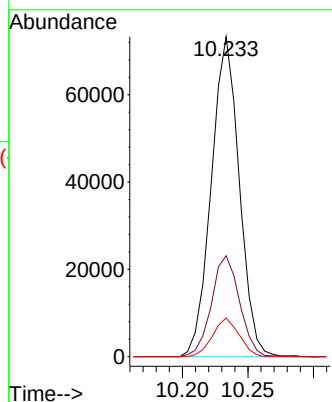
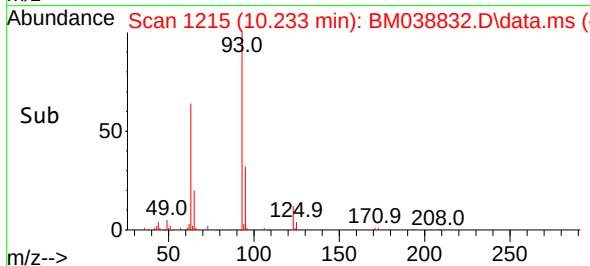
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion: 93 Resp: 108691
Ion Ratio Lower Upper
93 100
95 31.5 25.3 37.9
123 12.1 9.3 13.9

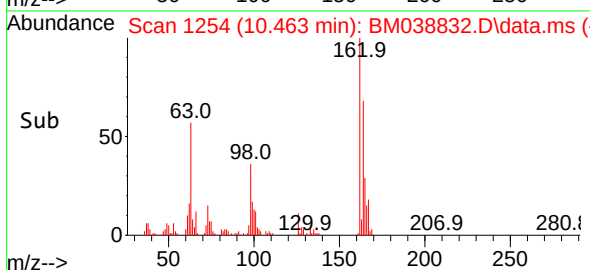
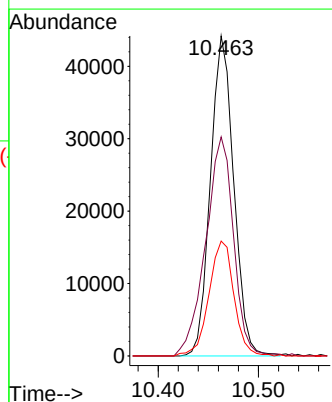
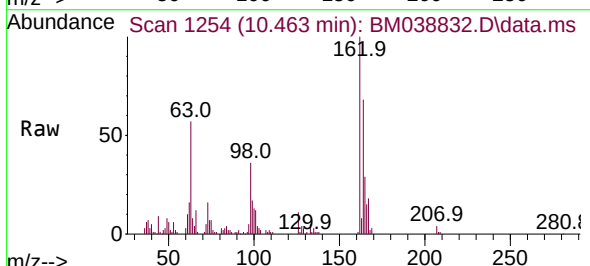
Manual Integrations
APPROVED

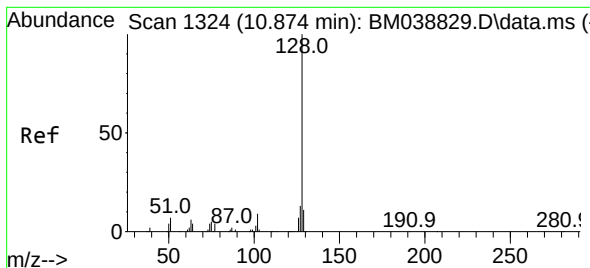
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#29
2,4-Dichlorophenol
Concen: 4.749 ng/ul
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

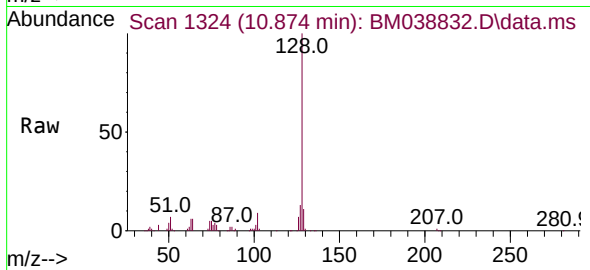
Tgt Ion:162 Resp: 71464
Ion Ratio Lower Upper
162 100
164 68.4 52.6 78.8
98 35.9 29.0 43.6





#30
Naphthalene
Concen: 4.791 ng/ul
RT: 10.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

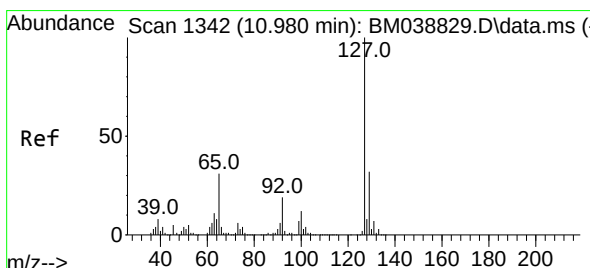
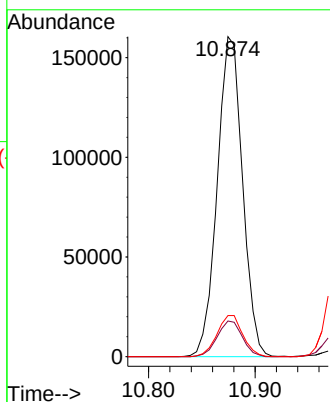
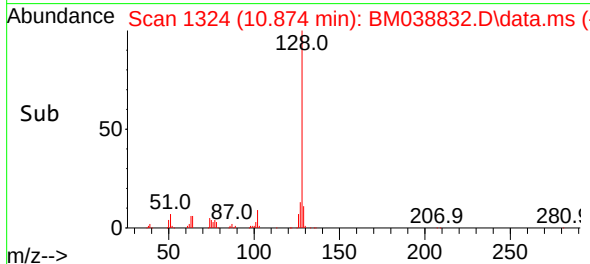
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:128 Resp: 265460
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.8 10.2 15.4

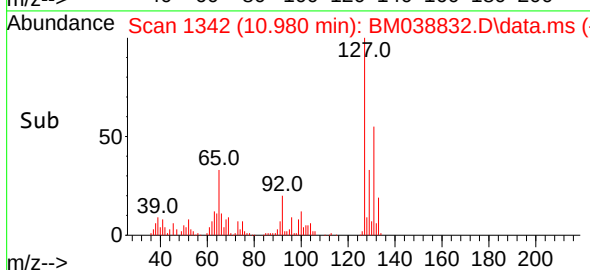
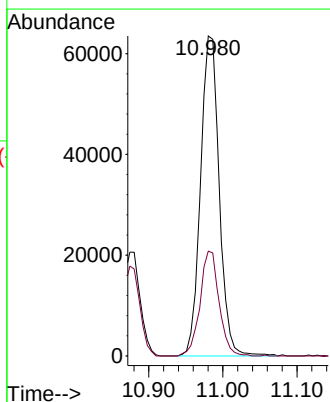
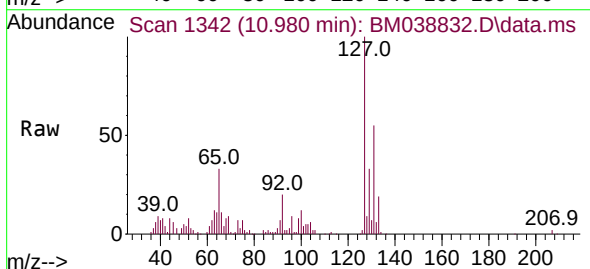
Manual Integrations
APPROVED

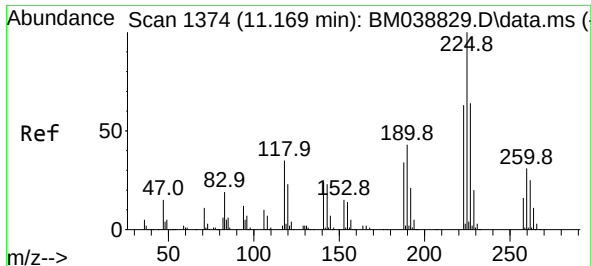
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#32
4-Chloroaniline
Concen: 4.442 ng/ul
RT: 10.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

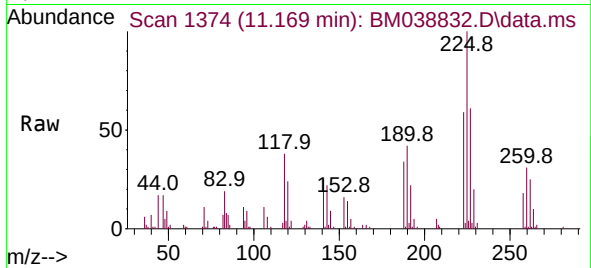
Tgt Ion:127 Resp: 111280
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5





#33
Hexachlorobutadiene
Concen: 4.871 ng/ul
RT: 11.169 min Scan# 1374
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

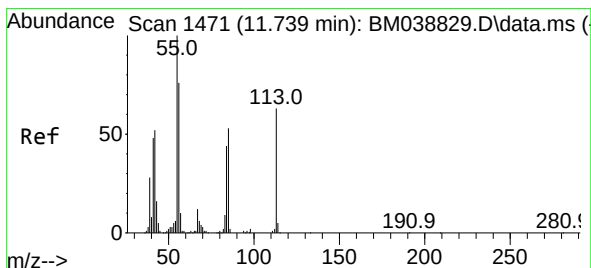
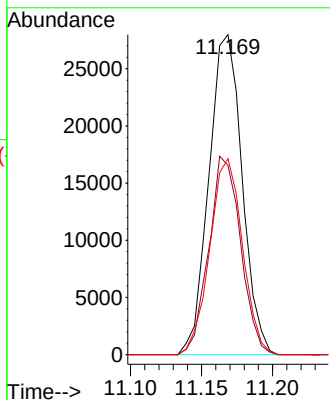
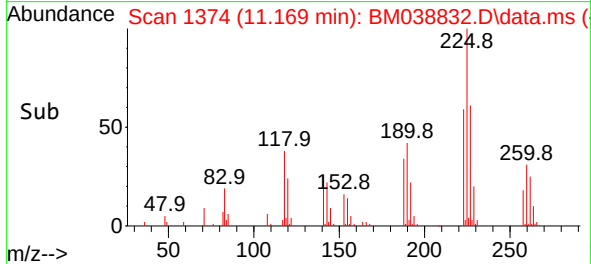
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:225 Resp: 45601
Ion Ratio Lower Upper
225 100
223 56.7 50.9 76.3
227 61.3 50.4 75.6

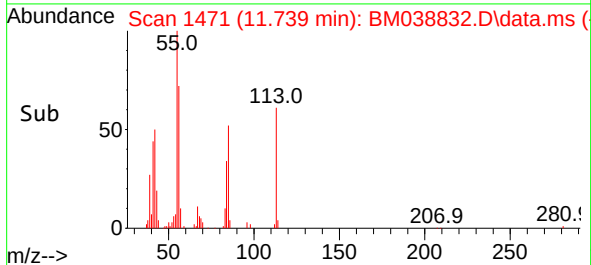
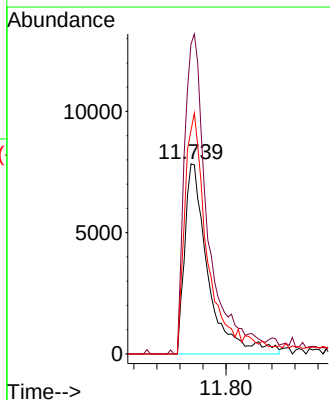
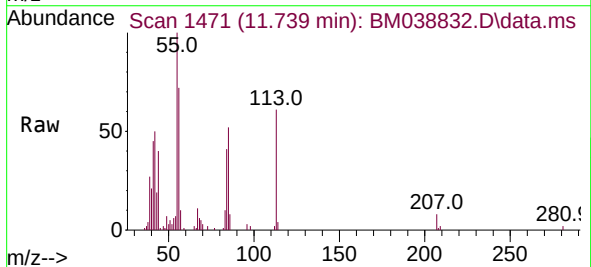
Manual Integrations
APPROVED

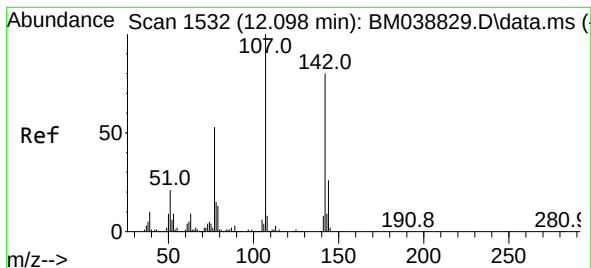
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#34
Caprolactam
Concen: 4.276 ng/ul m
RT: 11.739 min Scan# 1471
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Tgt Ion:113 Resp: 22062
Ion Ratio Lower Upper
113 100
55 163.0 137.0 205.6
56 117.6 99.9 149.9





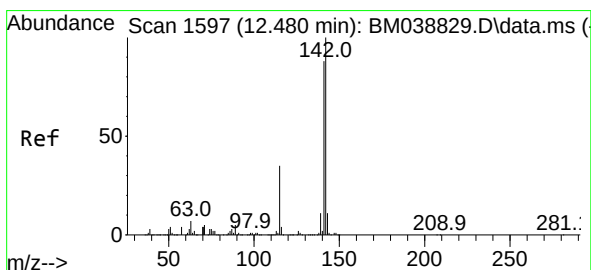
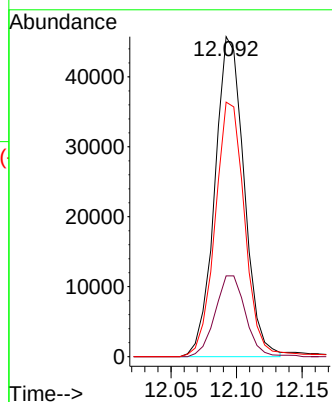
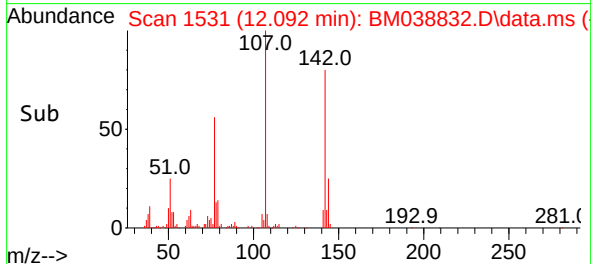
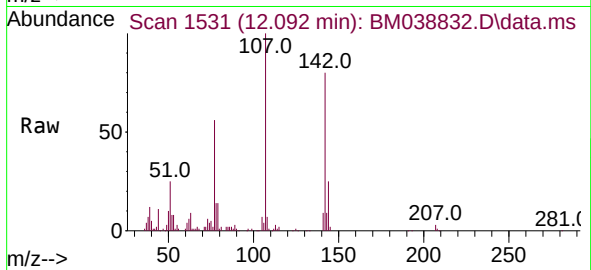
#35
4-Chloro-3-methylphenol
Concen: 4.183 ng/ul
RT: 12.092 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02

Tgt Ion:107 Resp: 71152
Ion Ratio Lower Upper
107 100
144 25.2 21.1 31.7
142 79.5 64.7 97.1

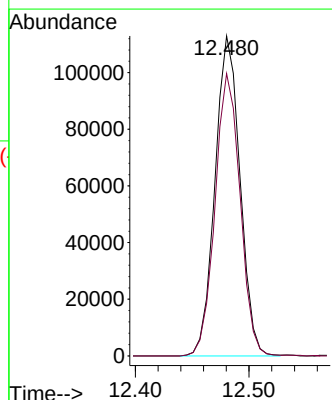
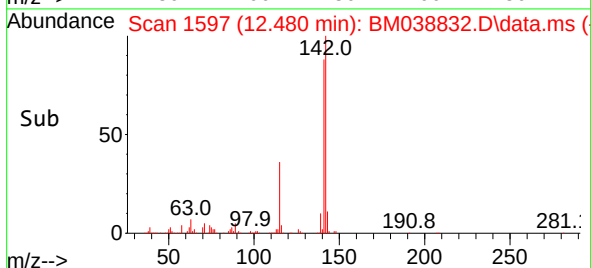
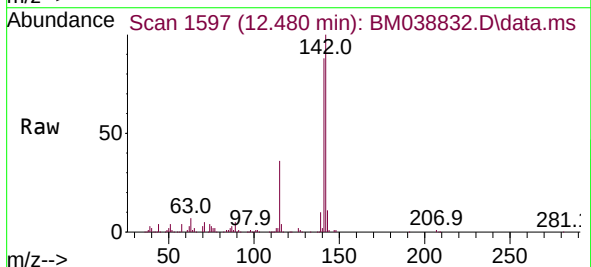
Manual Integrations
APPROVED

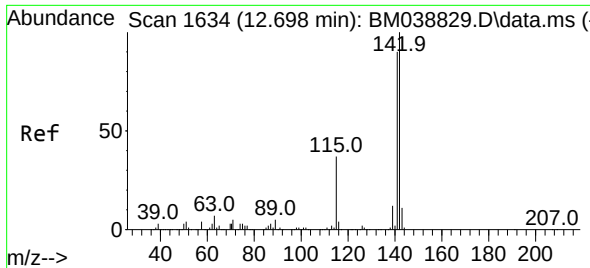
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#36
2-Methylnaphthalene
Concen: 4.778 ng/ul
RT: 12.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

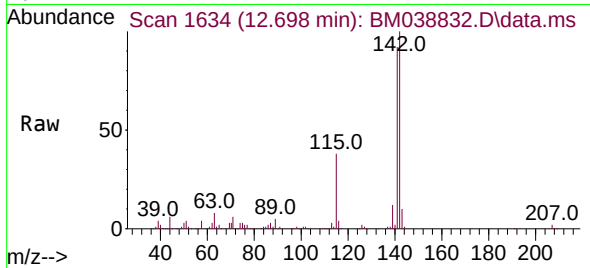
Tgt Ion:142 Resp: 172808
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6





#37
1-Methylnaphthalene
Concen: 3.802 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

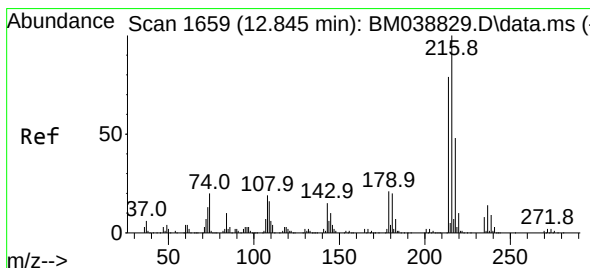
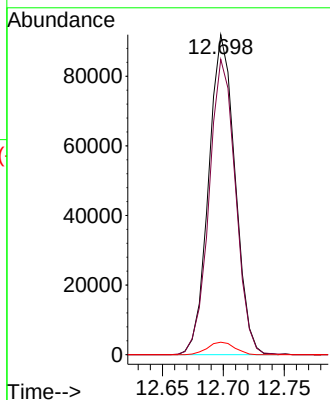
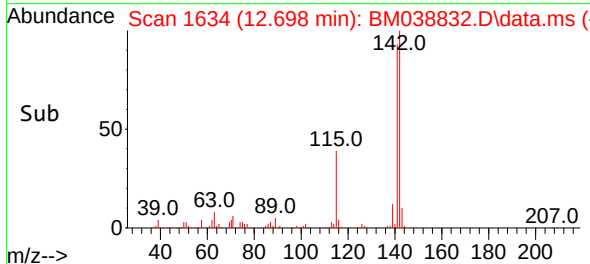
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:142 Resp: 138543
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0
116 3.9 3.2 4.8

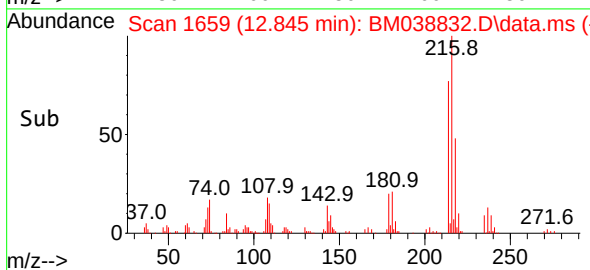
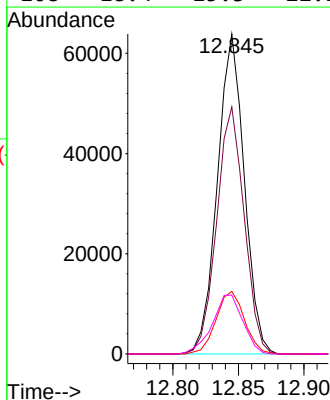
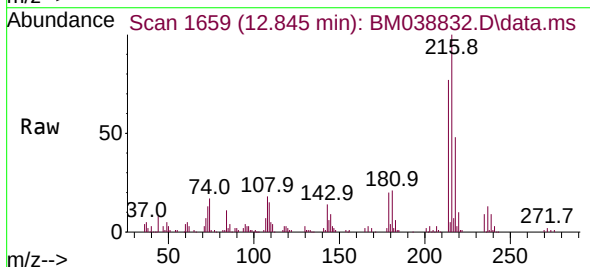
Manual Integrations
APPROVED

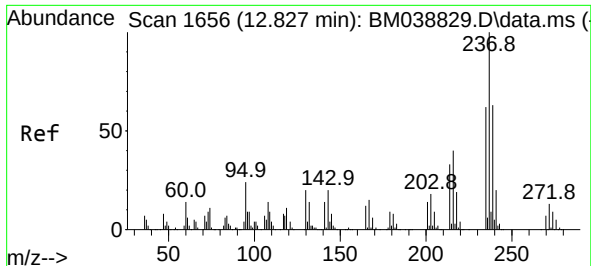
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.036 ng/ul
RT: 12.845 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

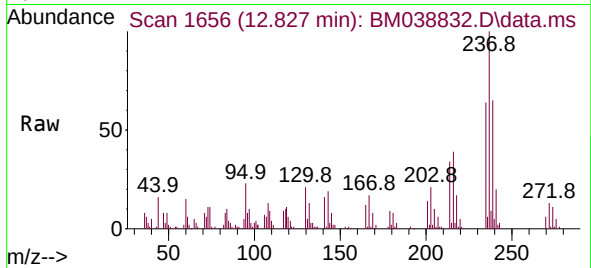
Tgt Ion:216 Resp: 91172
Ion Ratio Lower Upper
216 100
214 77.2 62.2 93.4
179 19.5 16.4 24.6
108 18.4 15.3 22.9





#40
Hexachlorocyclopentadiene
Concen: 5.097 ng/ul
RT: 12.827 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

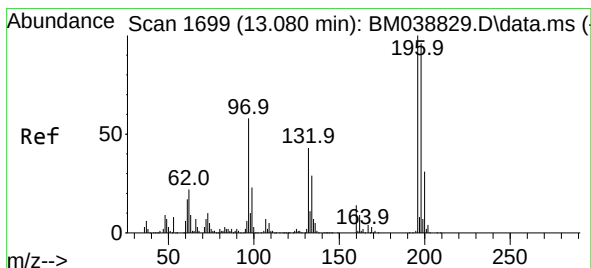
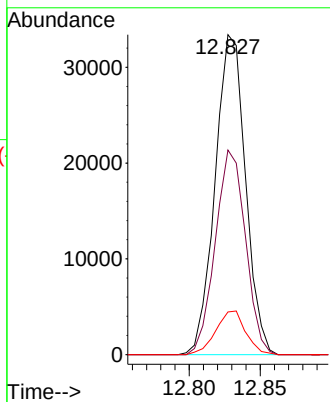
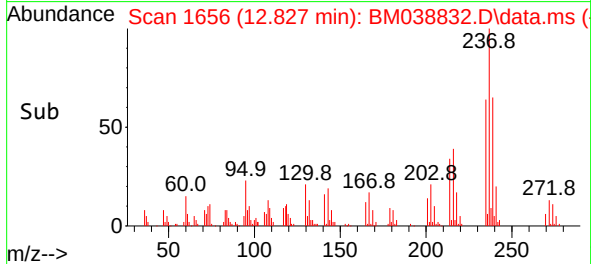
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:237 Resp: 49782
Ion Ratio Lower Upper
237 100
235 63.9 48.1 72.1
272 13.3 10.0 15.0

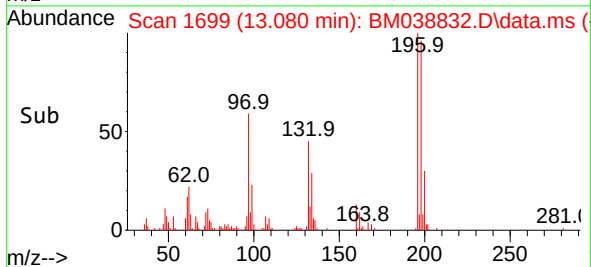
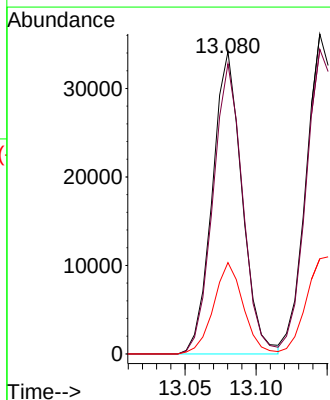
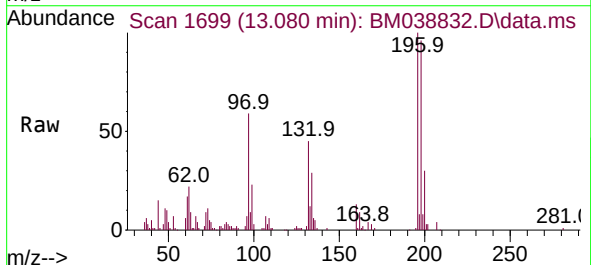
Manual Integrations
APPROVED

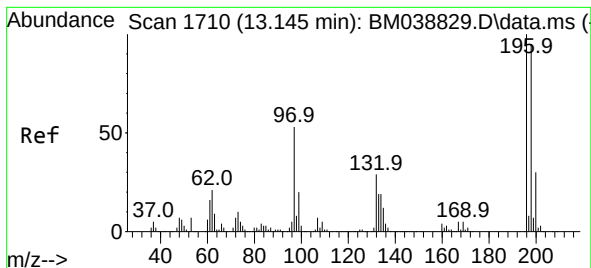
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#41
2,4,6-Trichlorophenol
Concen: 4.356 ng/ul
RT: 13.080 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Tgt Ion:196 Resp: 49749
Ion Ratio Lower Upper
196 100
198 96.0 74.8 112.2
200 30.2 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 4.303 ng/ul

RT: 13.145 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BM038832.D

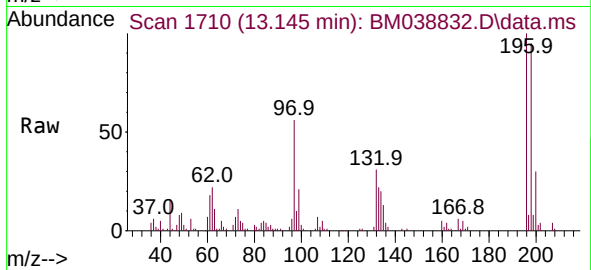
Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02



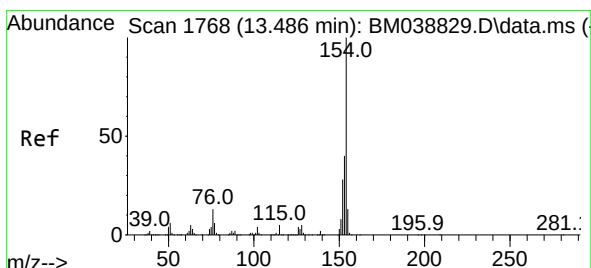
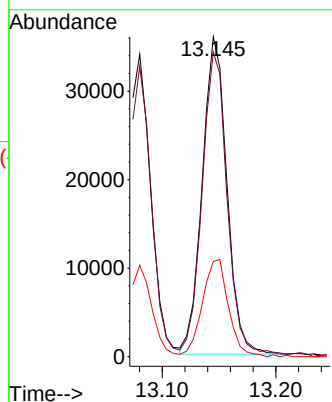
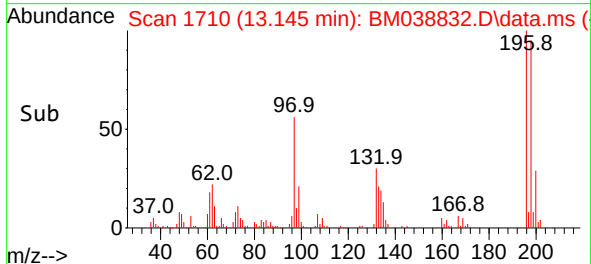
Tgt Ion:	196	Resp:	54086
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.5	116.3
200	29.7	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#43

1,1'-Biphenyl

Concen: 4.980 ng/ul

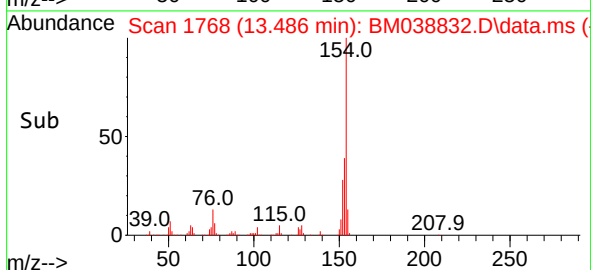
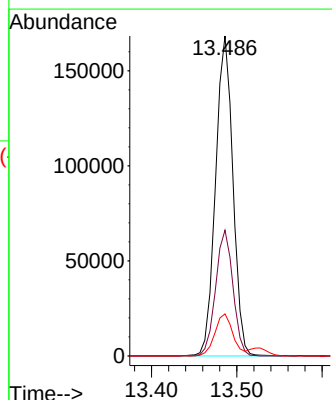
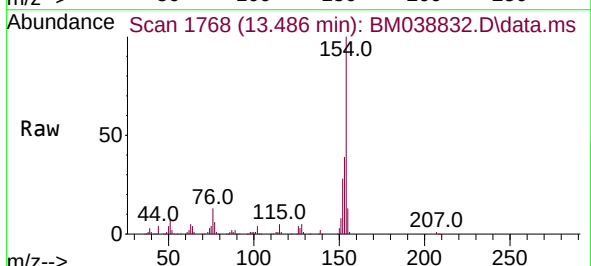
RT: 13.486 min Scan# 1768

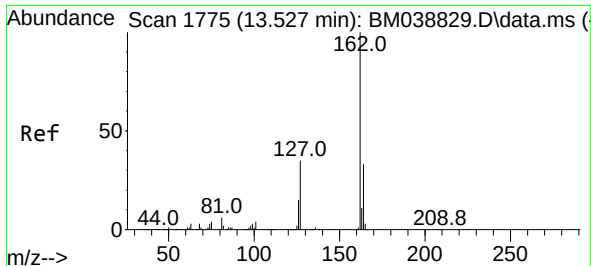
Delta R.T. -0.001 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

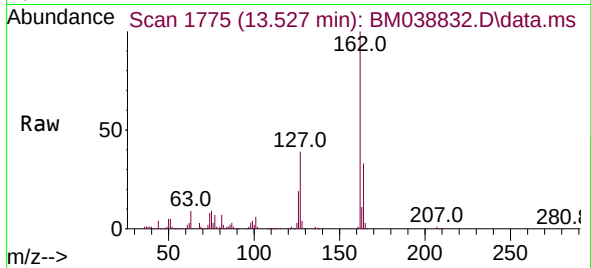
Tgt Ion:	154	Resp:	237723
Ion Ratio	Lower	Upper	
154	100		
153	39.3	31.3	46.9
76	13.1	11.0	16.6





#44
2-Chloronaphthalene
Concen: 4.856 ng/ul
RT: 13.527 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

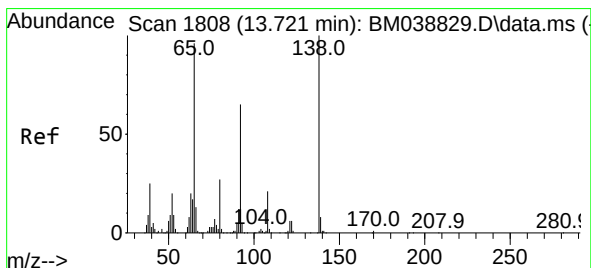
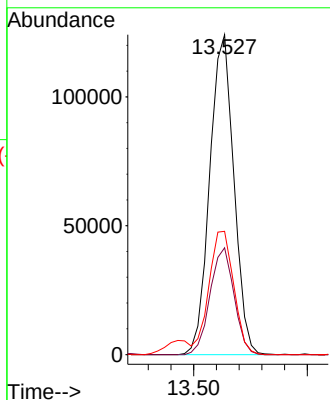
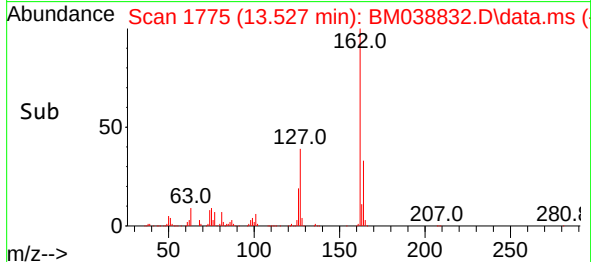
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:162 Resp: 182864
Ion Ratio Lower Upper
162 100
164 33.4 26.6 40.0
127 38.5 31.5 47.3

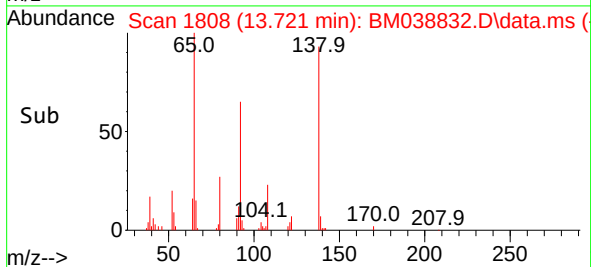
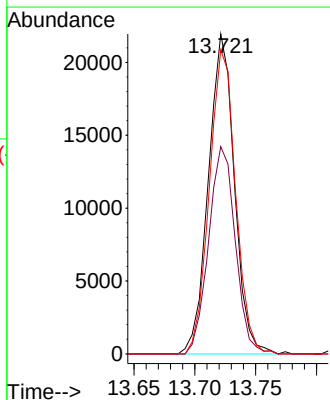
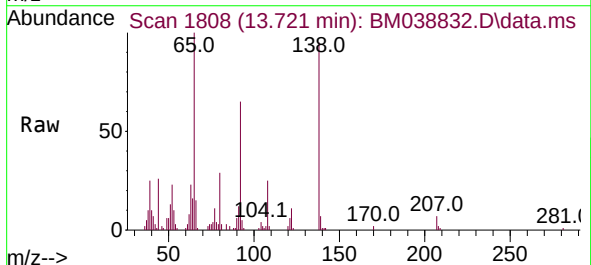
Manual Integrations
APPROVED

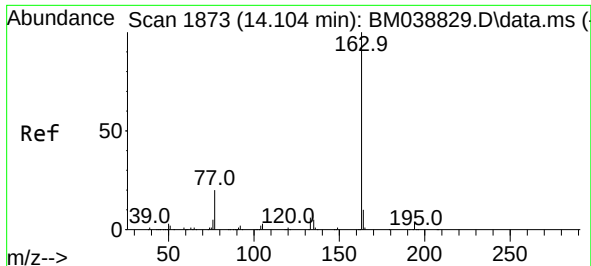
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#45
2-Nitroaniline
Concen: 3.827 ng/ul
RT: 13.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

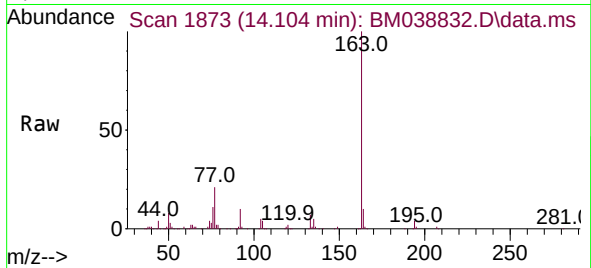
Tgt Ion: 65 Resp: 32522
Ion Ratio Lower Upper
65 100
92 64.8 54.2 81.2
138 95.0 84.3 126.5





#47
Dimethylphthalate
Concen: 4.821 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

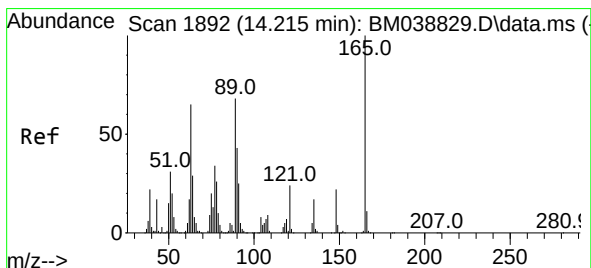
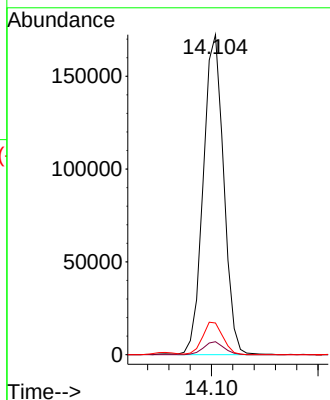
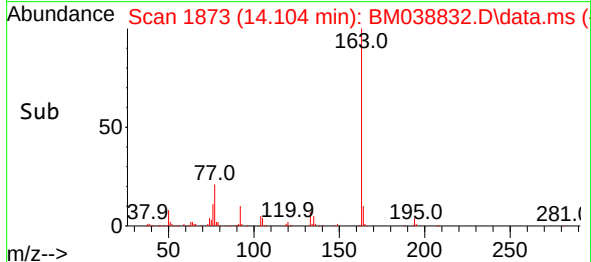
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



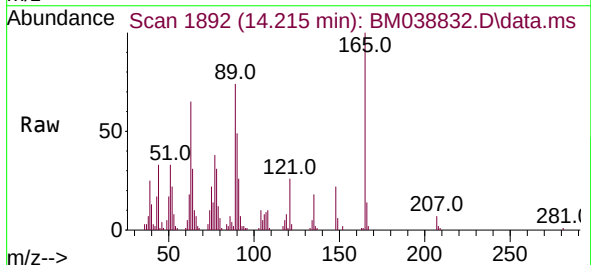
Tgt Ion:163 Resp: 229014
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.4 12.6

Manual Integrations
APPROVED

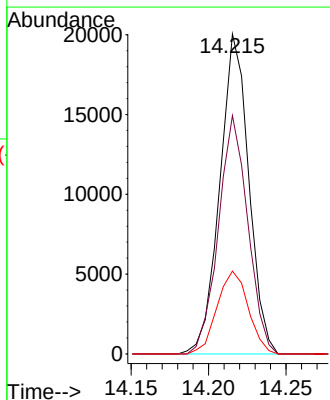
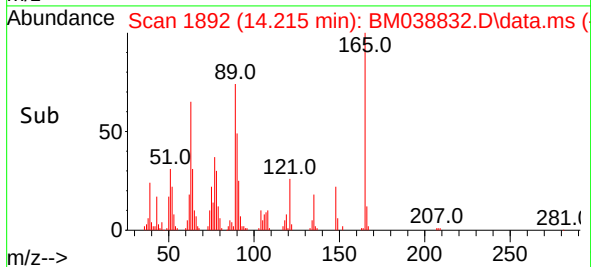
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

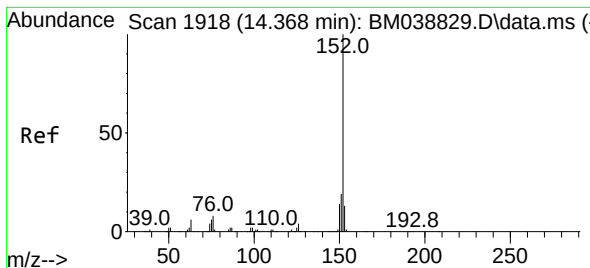


#48
2,6-Dinitrotoluene
Concen: 3.473 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



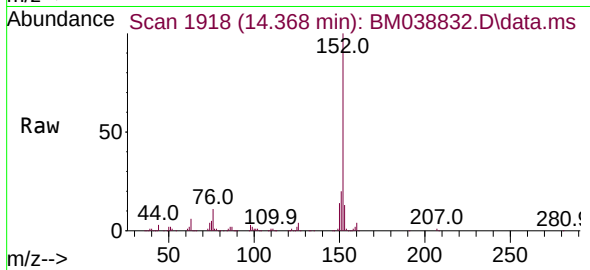
Tgt Ion:165 Resp: 26111
Ion Ratio Lower Upper
165 100
89 74.5 51.4 77.2
121 25.9 19.4 29.2





#50
Acenaphthylene
Concen: 4.887 ng/ul
RT: 14.368 min Scan# 1918
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

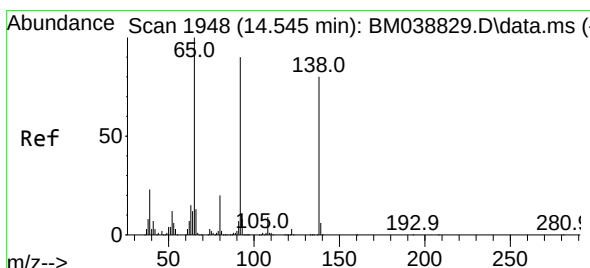
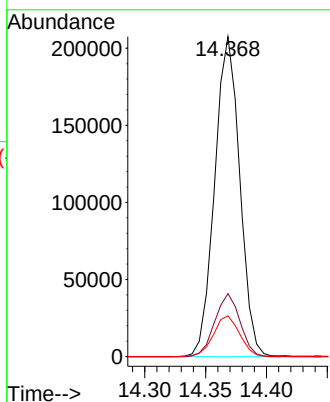
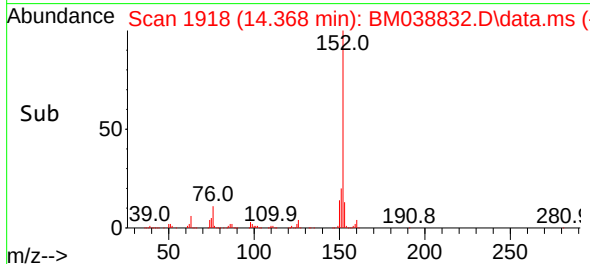
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



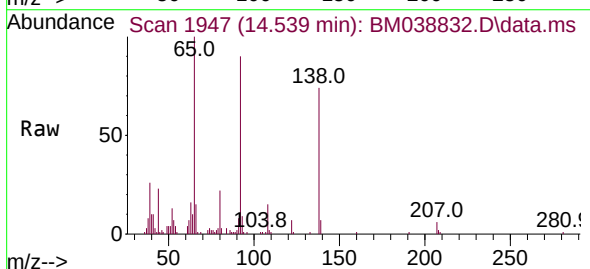
Tgt Ion:152 Resp: 296963
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.7 10.4 15.6

Manual Integrations
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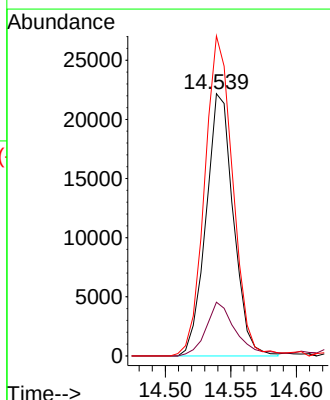
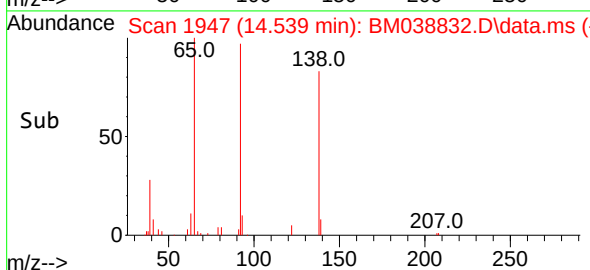
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

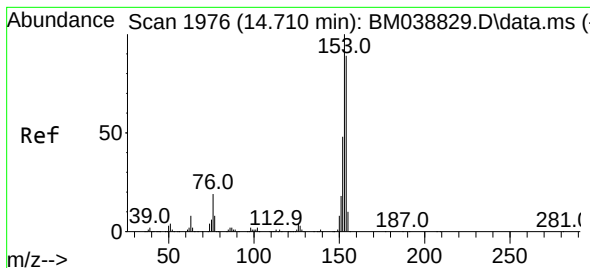


#51
3-Nitroaniline
Concen: 3.420 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



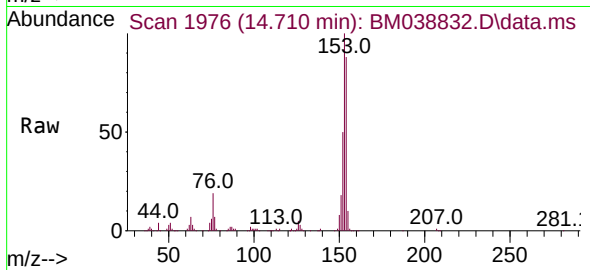
Tgt Ion:138 Resp: 32270
Ion Ratio Lower Upper
138 100
108 20.4 10.3 15.5#
92 122.0 97.7 146.5





#52
Acenaphthene
Concen: 4.911 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

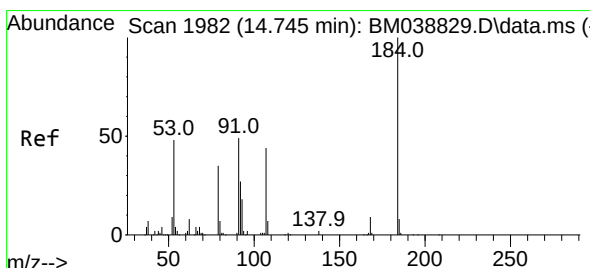
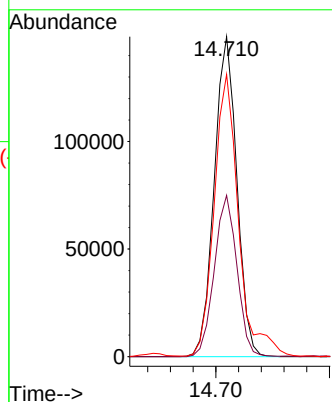
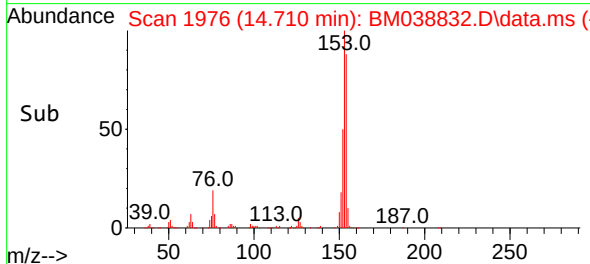
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



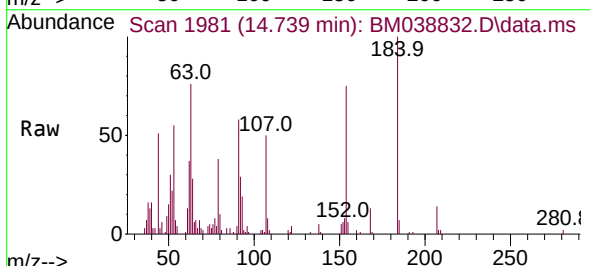
Tgt Ion:153 Resp: 205417
Ion Ratio Lower Upper
153 100
152 50.4 39.1 58.7
154 88.2 70.4 105.6

Manual Integrations
APPROVED

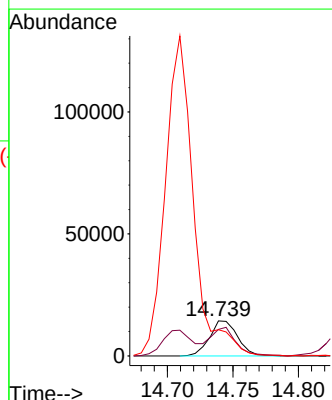
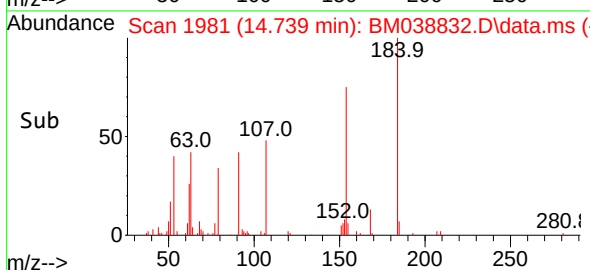
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

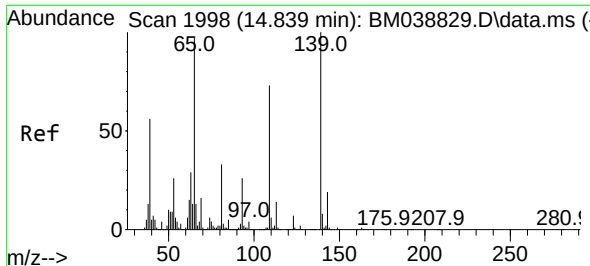


#53
2,4-Dinitrophenol
Concen: 4.998 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



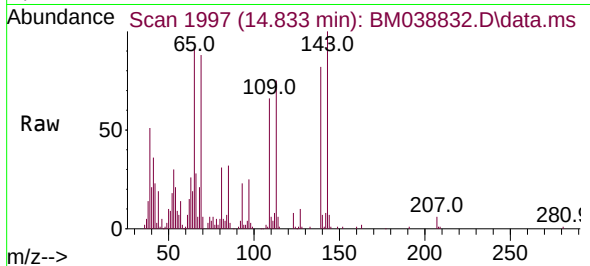
Tgt Ion:184 Resp: 21360
Ion Ratio Lower Upper
184 100
63 76.0 61.9 92.9
154 74.9 50.7 76.1





#55
4-Nitrophenol
Concen: 4.495 ng/ul m
RT: 14.833 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

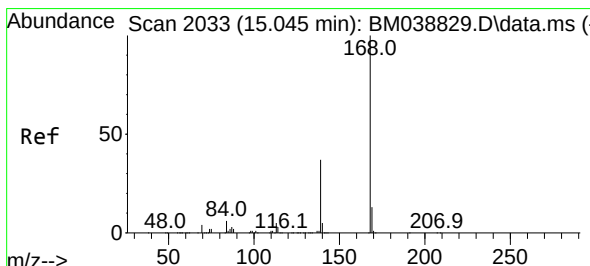
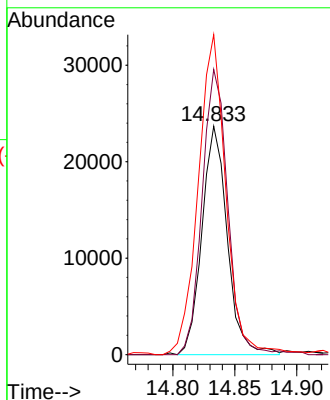
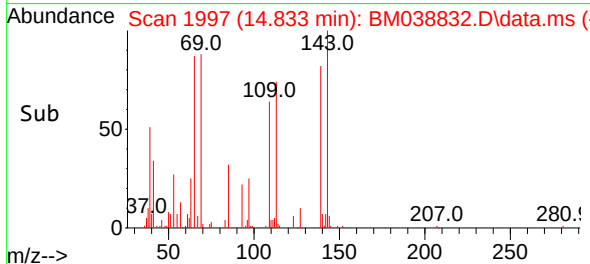
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:109 Resp: 33692
Ion Ratio Lower Upper
109 100
139 124.8 108.8 163.2
65 140.1 107.8 161.6

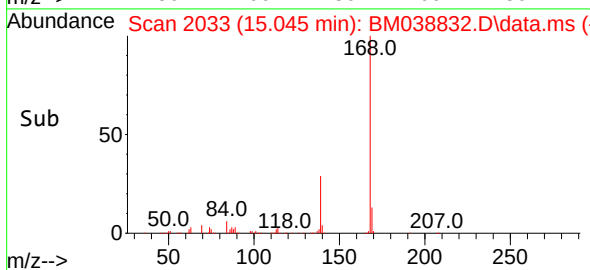
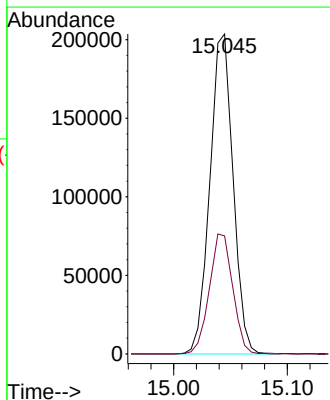
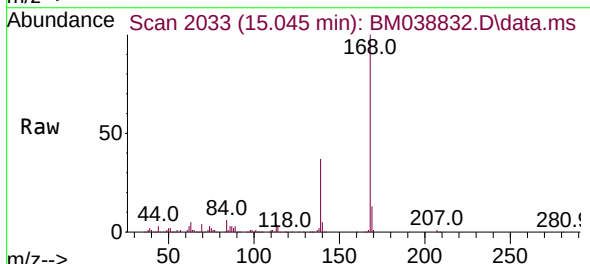
Manual Integrations
APPROVED

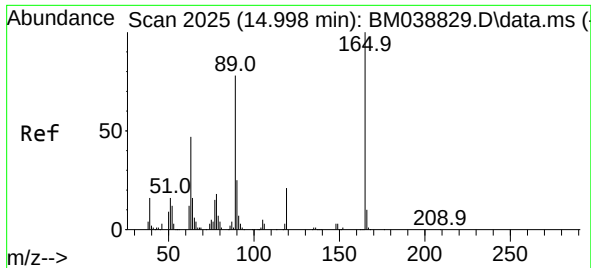
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#56
Dibenzofuran
Concen: 4.974 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

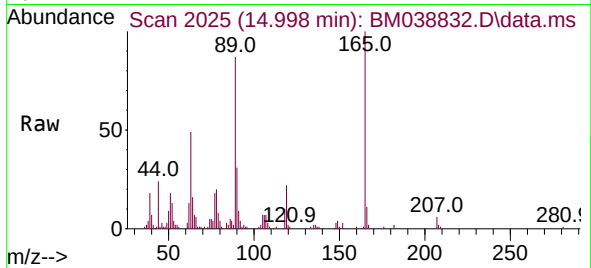
Tgt Ion:168 Resp: 288846
Ion Ratio Lower Upper
168 100
139 36.9 30.9 46.3





#57
2,4-Dinitrotoluene
Concen: 3.772 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

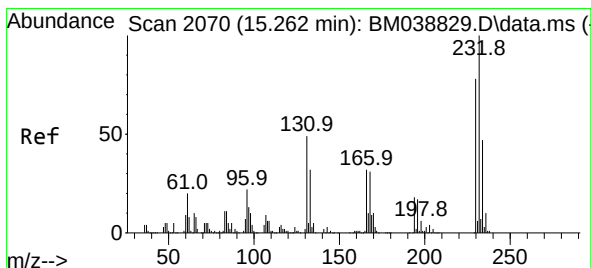
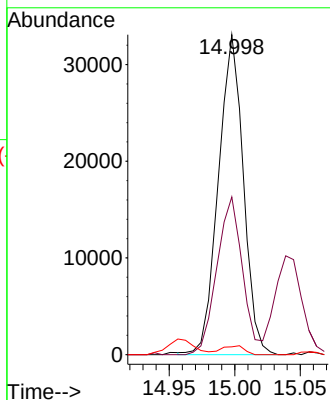
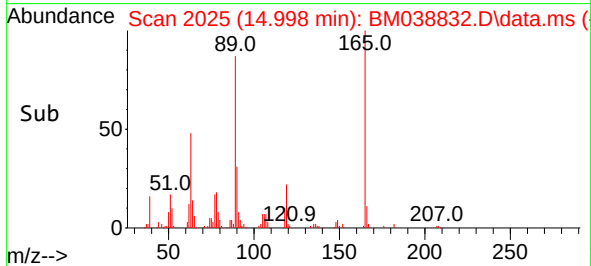
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:165 Resp: 4383
Ion Ratio Lower Upper
165 100
63 49.3 38.9 58.3
182 2.4 2.2 3.2

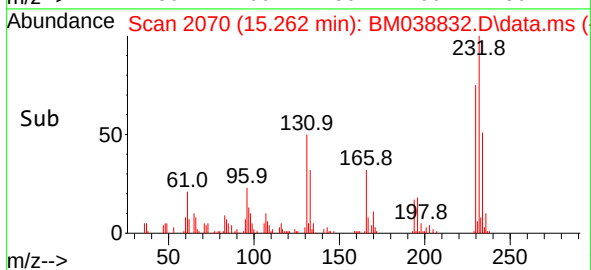
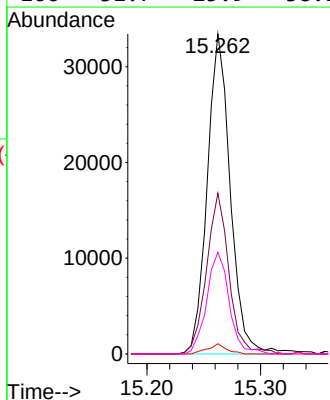
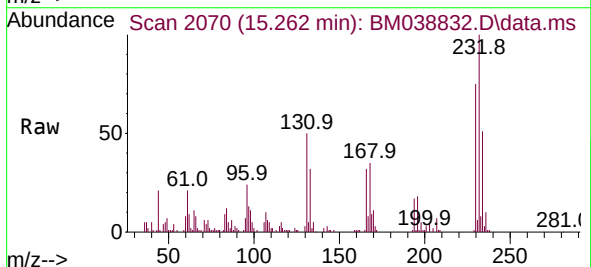
Manual Integrations
APPROVED

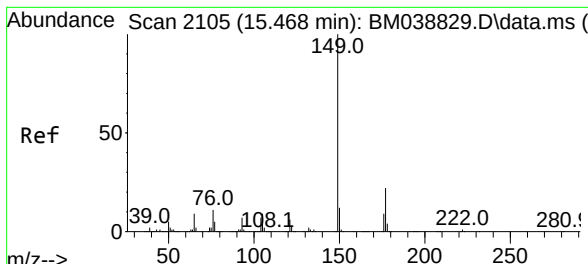
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.297 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

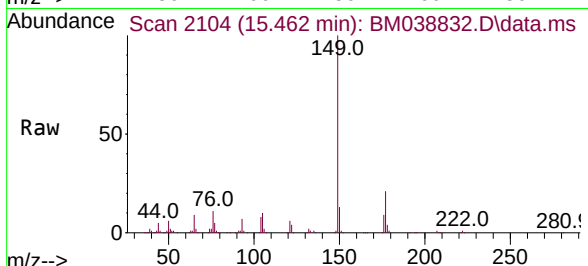
Tgt Ion:232 Resp: 47019
Ion Ratio Lower Upper
232 100
131 50.3 40.6 60.8
130 3.2 2.0 3.0#
166 31.7 25.9 38.9





#59
Diethylphthalate
Concen: 4.572 ng/ul
RT: 15.462 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

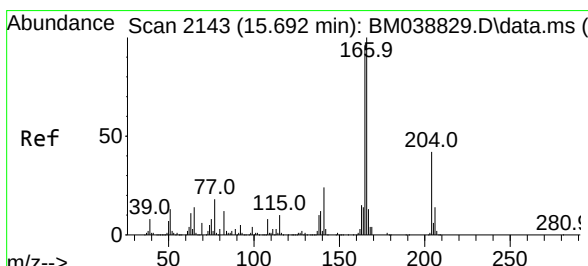
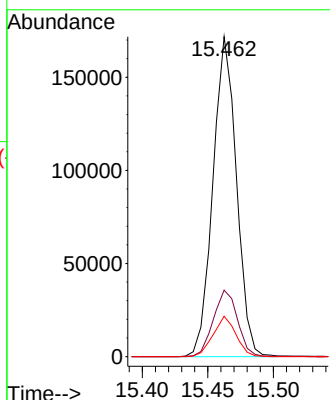
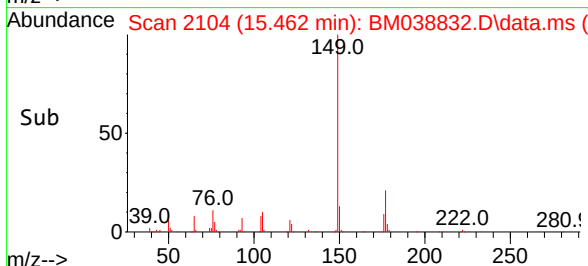
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:149 Resp: 214932
Ion Ratio Lower Upper
149 100
177 20.8 17.2 25.8
150 12.6 10.1 15.1

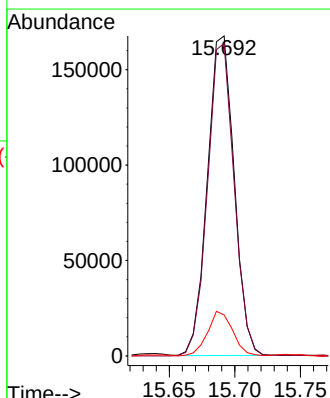
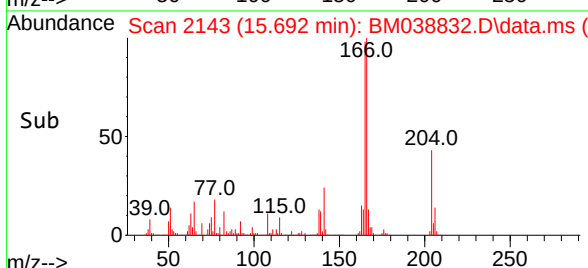
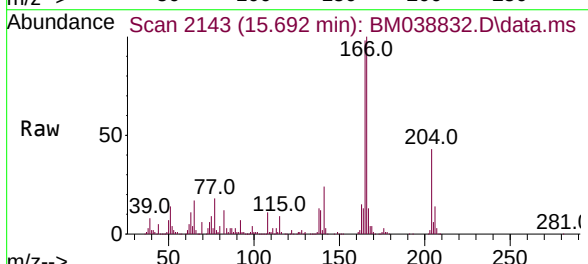
Manual Integrations
APPROVED

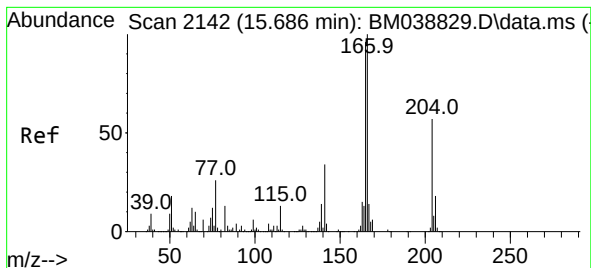
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#61
Fluorene
Concen: 4.898 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

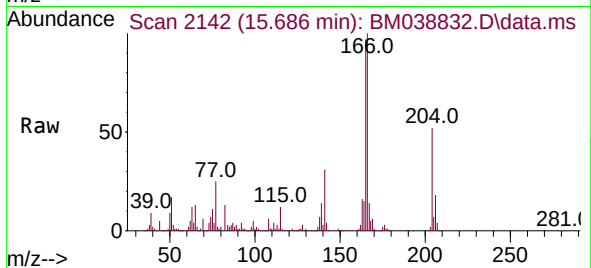
Tgt Ion:166 Resp: 238482
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.4
167 12.8 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.882 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

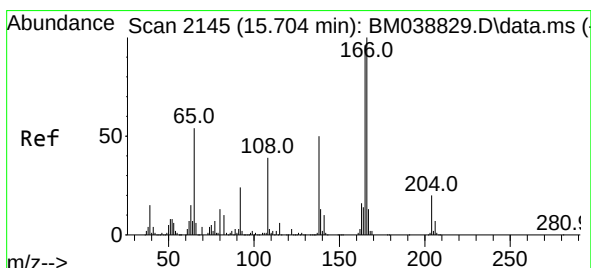
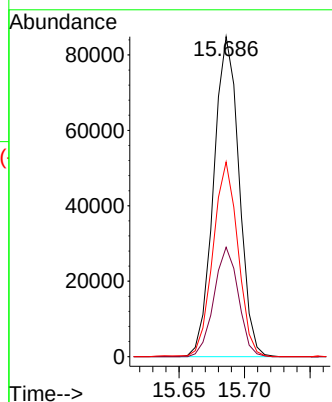
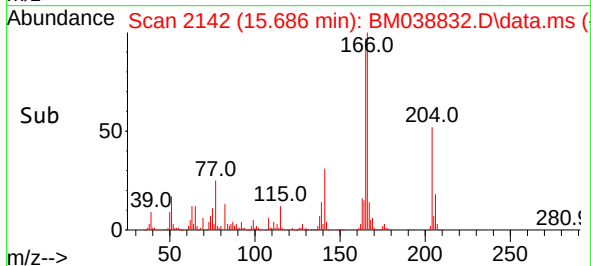
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



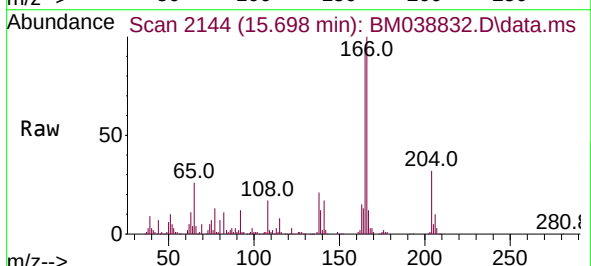
Tgt Ion:204 Resp: 114753
Ion Ratio Lower Upper
204 100
206 34.2 26.3 39.5
141 60.8 45.5 68.3

Manual Integrations
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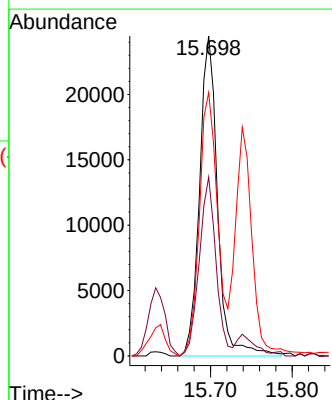
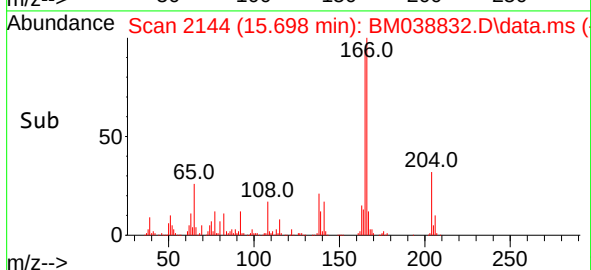
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

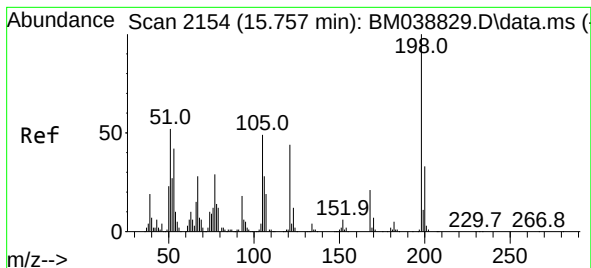


#63
4-Nitroaniline
Concen: 3.840 ng/ul m
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



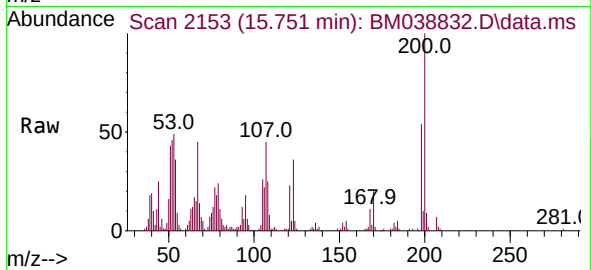
Tgt Ion:138 Resp: 37472
Ion Ratio Lower Upper
138 100
92 55.9 41.8 62.8
108 82.3 65.0 97.6





#66
4,6-Dinitro-2-methylphenol
Concen: 3.827 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

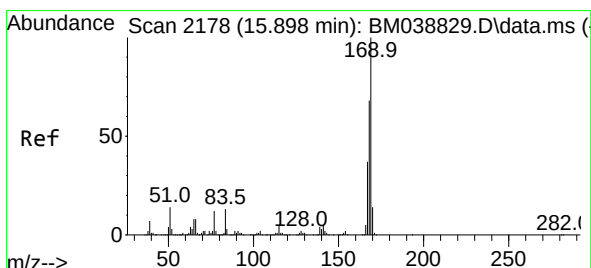
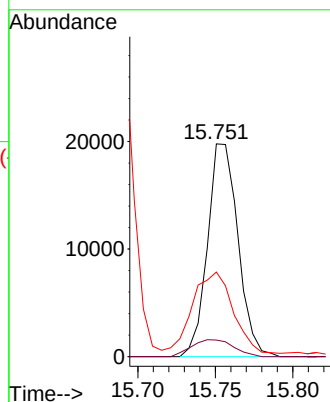
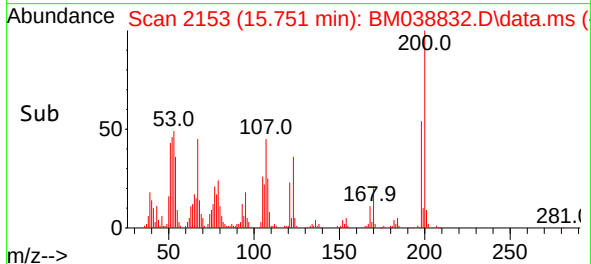
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:198 Resp: 27179
Ion Ratio Lower Upper
198 100
182 7.8 3.5 5.3
77 39.8 21.0 31.6

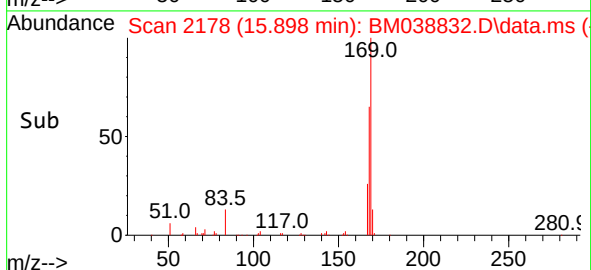
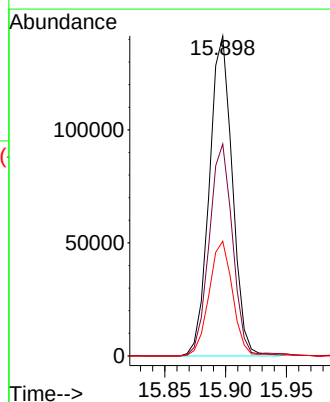
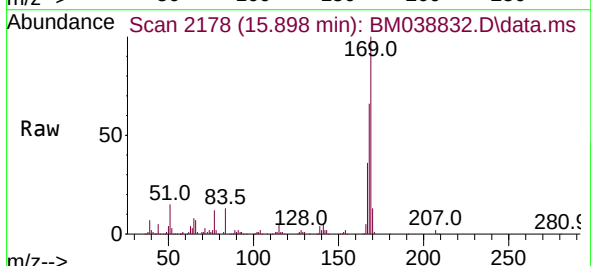
Manual Integrations
APPROVED

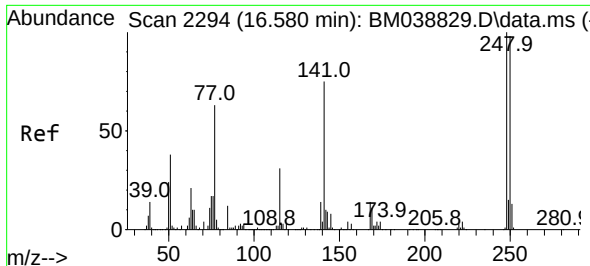
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#67
N-Nitrosodiphenylamine
Concen: 4.671 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

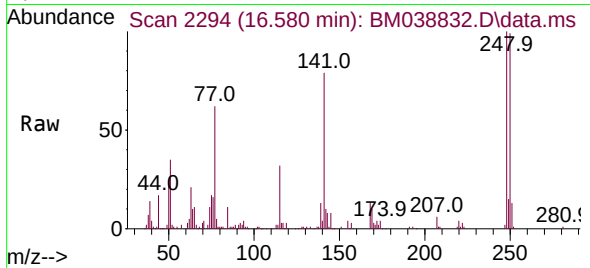
Tgt Ion:169 Resp: 186480
Ion Ratio Lower Upper
169 100
168 66.2 53.5 80.3
167 35.8 29.1 43.7





#68
4-Bromophenyl-phenylether
Concen: 4.630 ng/ul
RT: 16.580 min Scan# 2294
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

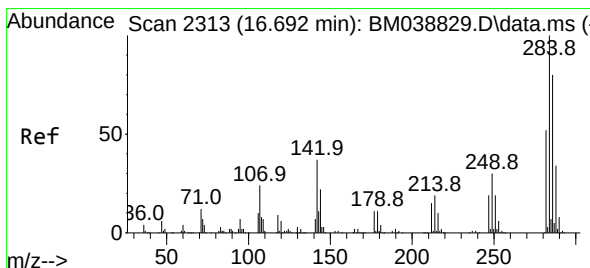
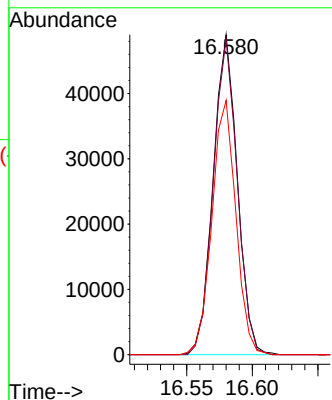
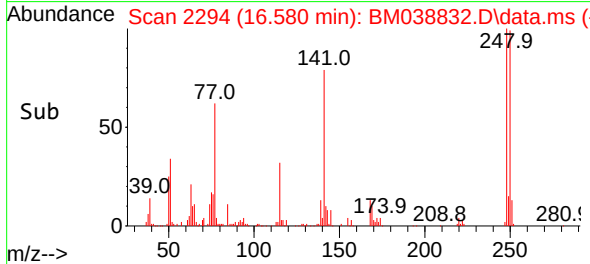
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



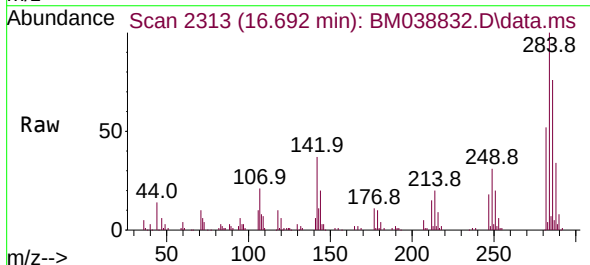
Tgt Ion:248 Resp: 62905
Ion Ratio Lower Upper
248 100
250 98.5 77.6 116.4
141 79.4 63.7 95.5

Manual Integrations
APPROVED

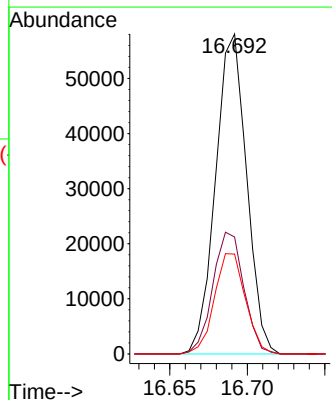
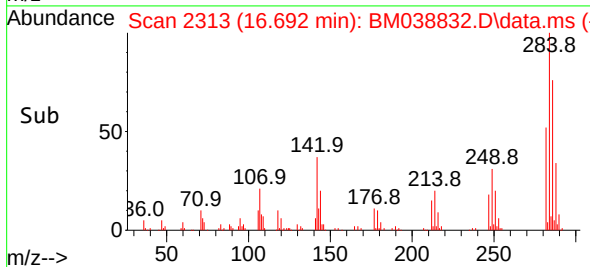
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

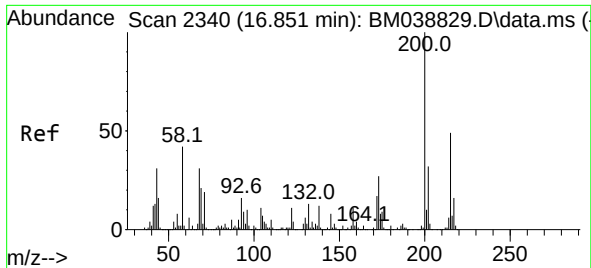


#69
Hexachlorobenzene
Concen: 4.933 ng/ul
RT: 16.692 min Scan# 2313
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



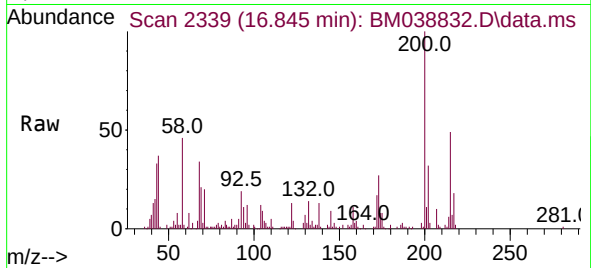
Tgt Ion:284 Resp: 81173
Ion Ratio Lower Upper
284 100
142 36.5 29.4 44.2
249 31.2 24.0 36.0





#70
Atrazine
Concen: 3.861 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

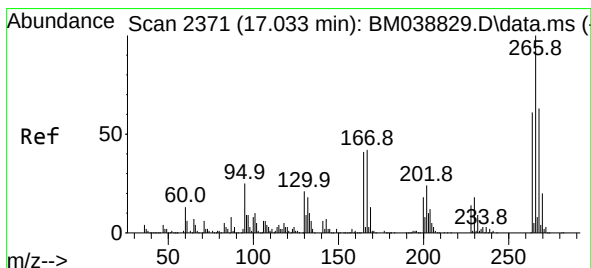
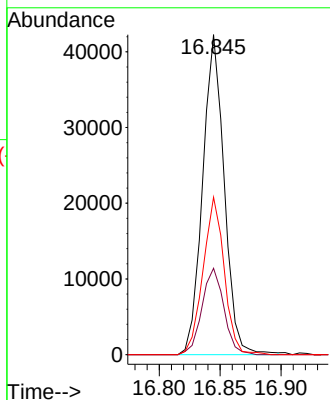
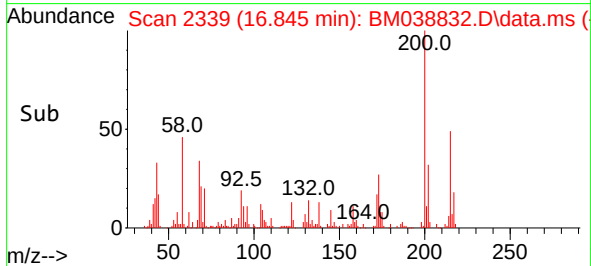
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:200 Resp: 52136
Ion Ratio Lower Upper
200 100
173 27.0 21.3 31.9
215 49.2 38.0 57.0

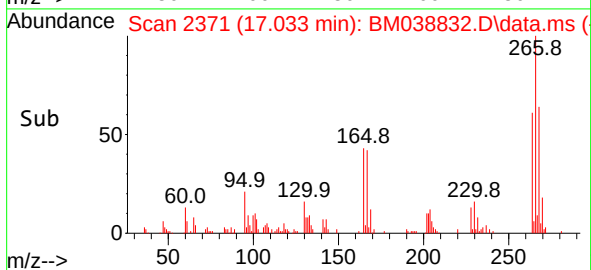
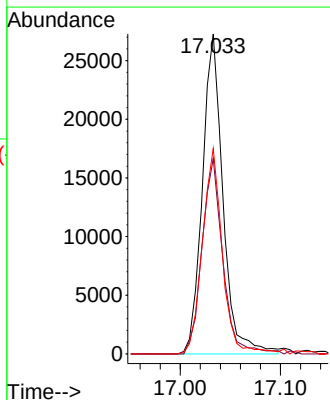
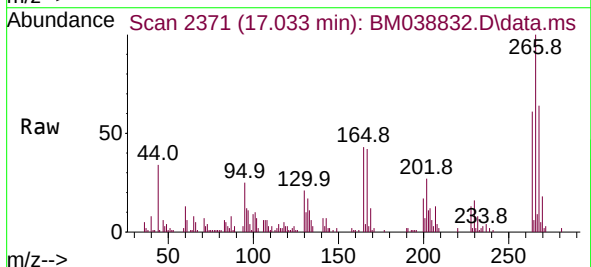
Manual Integrations
APPROVED

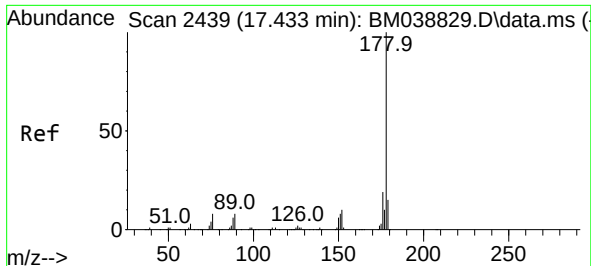
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#71
Pentachlorophenol
Concen: 3.877 ng/ul
RT: 17.033 min Scan# 2371
Delta R.T. -0.000 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

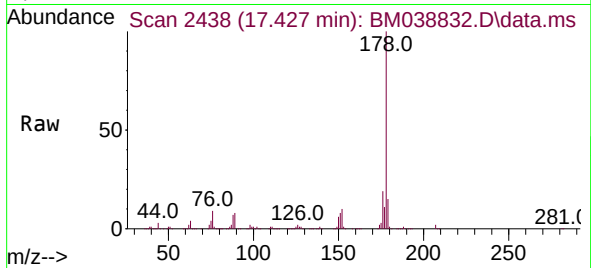
Tgt Ion:266 Resp: 38793
Ion Ratio Lower Upper
266 100
264 61.0 51.0 76.6
268 64.2 51.7 77.5





#72
Phenanthrene
Concen: 4.976 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

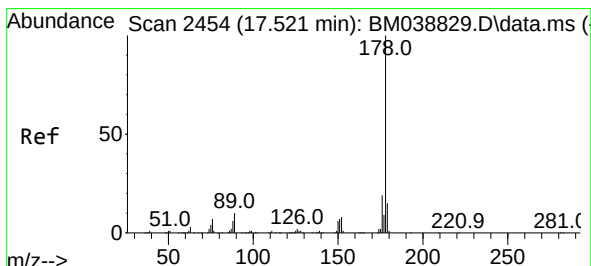
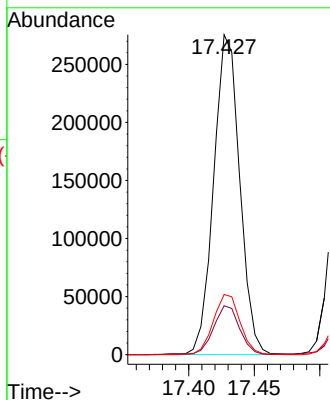
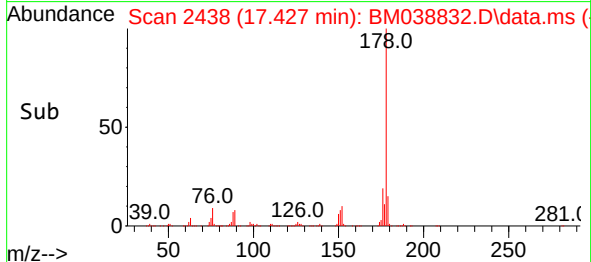
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



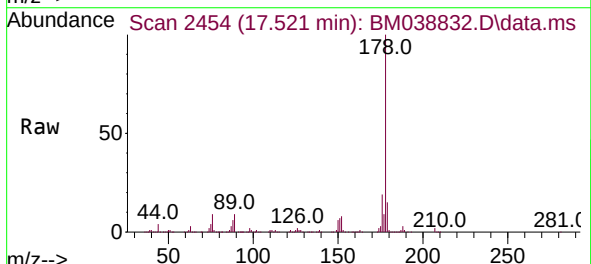
Tgt Ion:178 Resp: 379442
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.8 15.7 23.5

Manual Integrations
APPROVED

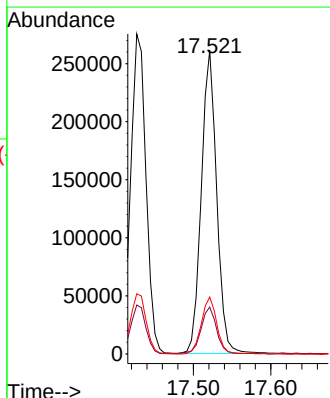
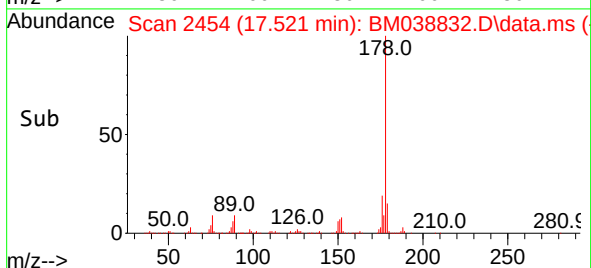
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

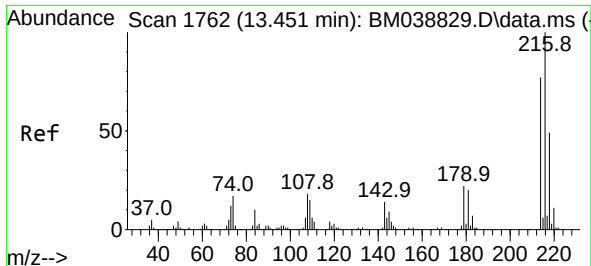


#74
Anthracene
Concen: 4.629 ng/ul
RT: 17.521 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



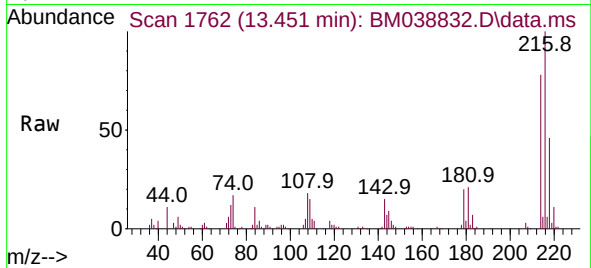
Tgt Ion:178 Resp: 359403
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.7 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.829 ng/uL
RT: 13.451 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

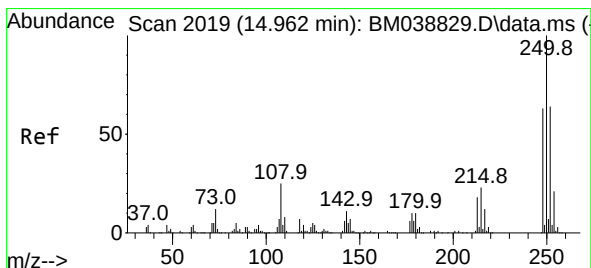
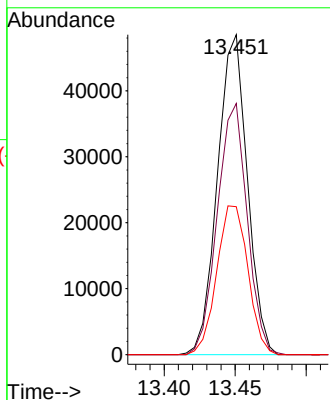
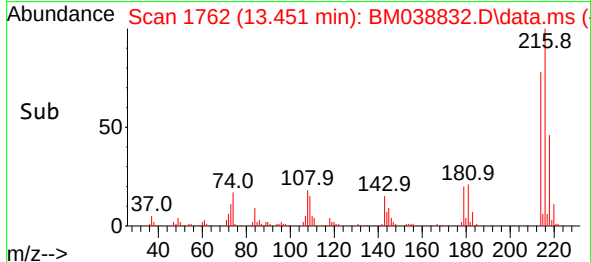
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



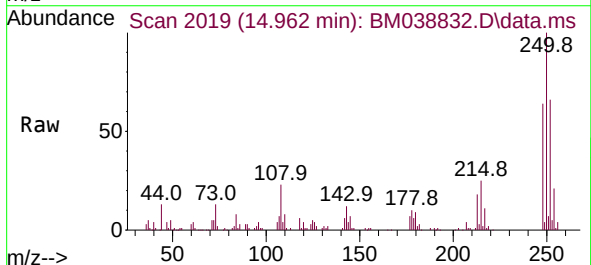
Tgt Ion:216 Resp: 71222
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
218 46.2 38.8 58.2

Manual Integrations
APPROVED

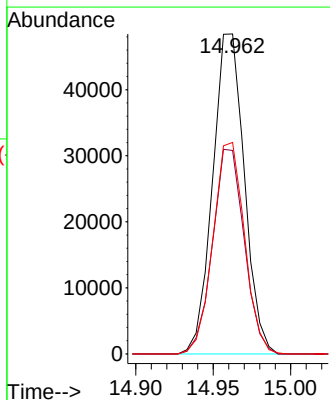
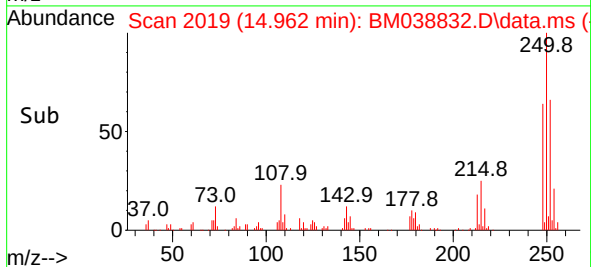
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

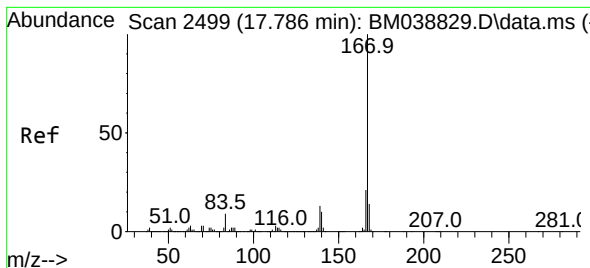


#76
Pentachlorobenzene
Concen: 3.613 ng/uL
RT: 14.962 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



Tgt Ion:250 Resp: 69055
Ion Ratio Lower Upper
250 100
248 63.6 49.6 74.4
252 66.1 51.2 76.8





#77

Carbazole

Concen: 4.462 ng/ul

RT: 17.786 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BM038832.D

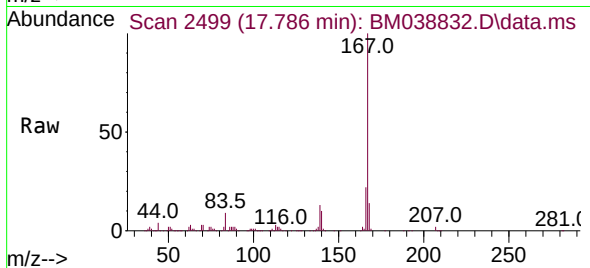
Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02



Tgt Ion:167 Resp: 321696

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

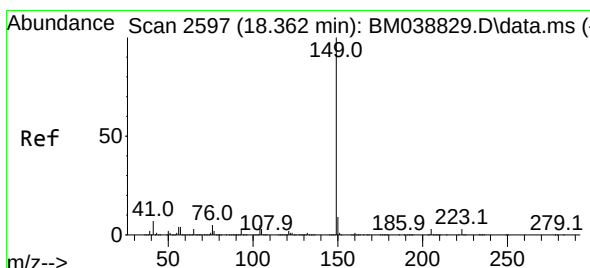
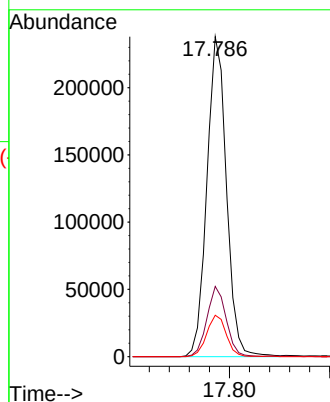
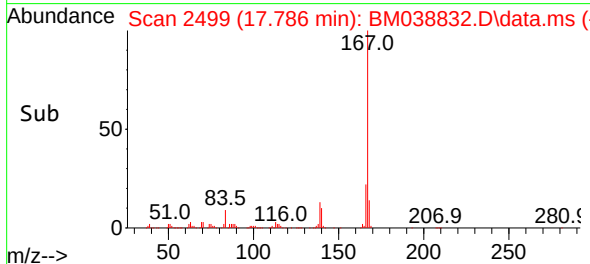
139 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#78

Di-n-butylphthalate

Concen: 4.111 ng/ul

RT: 18.362 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

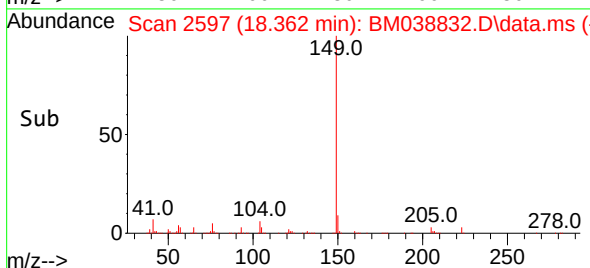
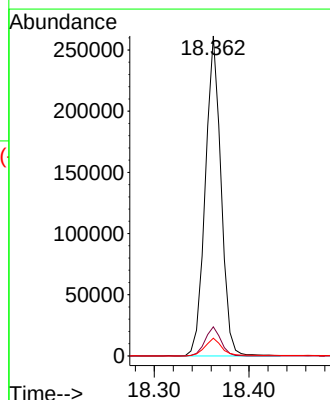
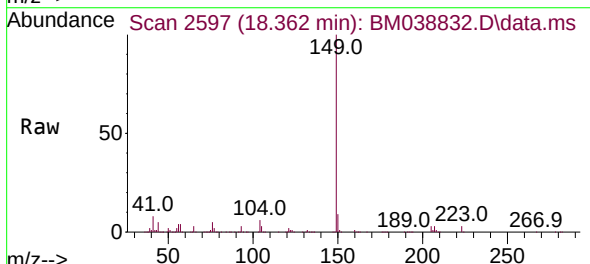
Tgt Ion:149 Resp: 301554

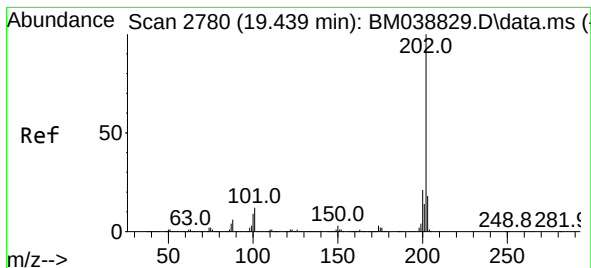
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

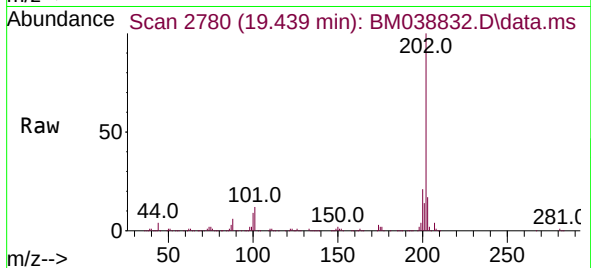
104 5.5 4.2 6.4





#80
Fluoranthene
Concen: 4.829 ng/ul
RT: 19.439 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

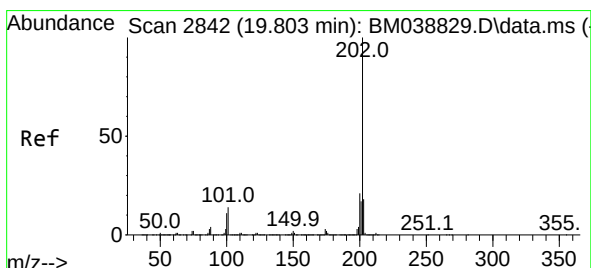
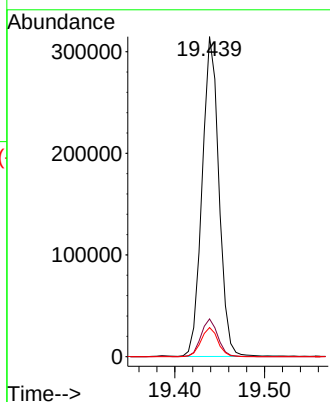
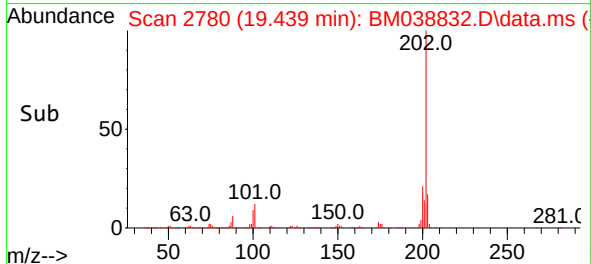
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:202 Resp: 409263
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 9.1 6.9 10.3

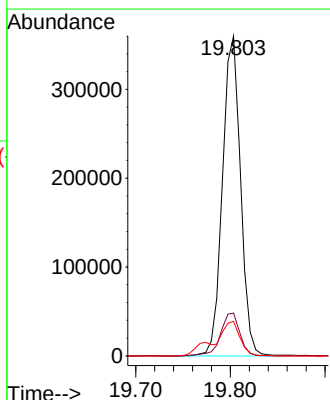
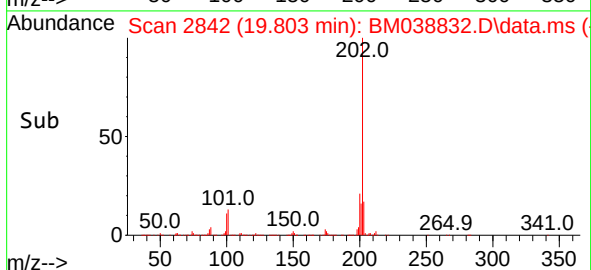
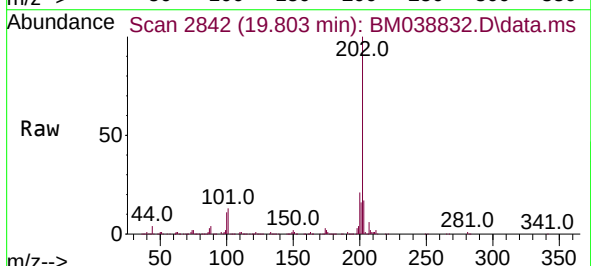
Manual Integrations
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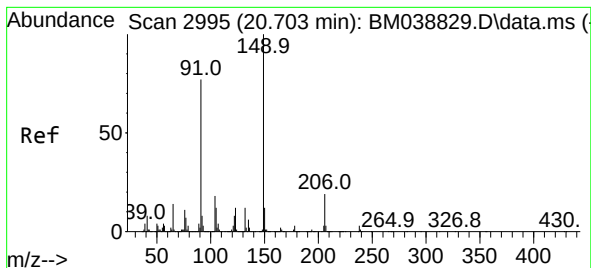
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#82
Pyrene
Concen: 5.130 ng/ul
RT: 19.803 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

Tgt Ion:202 Resp: 476746
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 10.8 9.1 13.7





#83

Butylbenzylphthalate

Concen: 3.975 ng/ul

RT: 20.703 min Scan# 2995

Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02

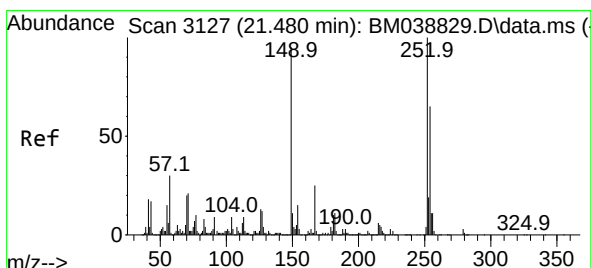
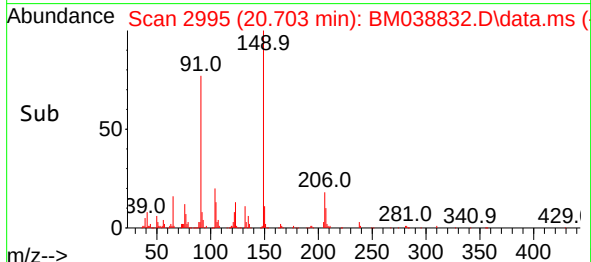
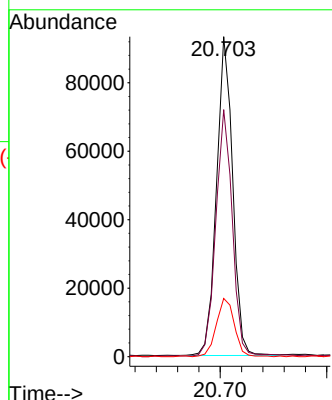
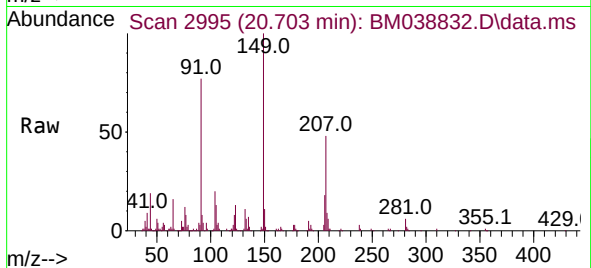
Tgt Ion:	149	Resp:	98170
Ion Ratio	Lower	Upper	
149	100		
91	77.2	60.5	90.7
206	18.2	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.708 ng/ul

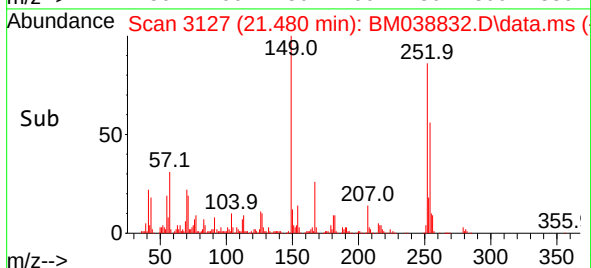
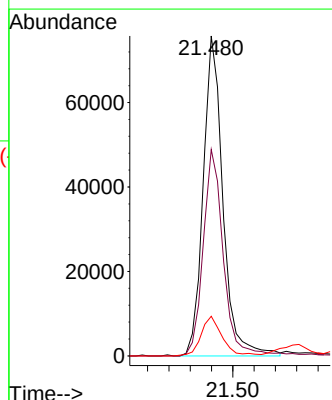
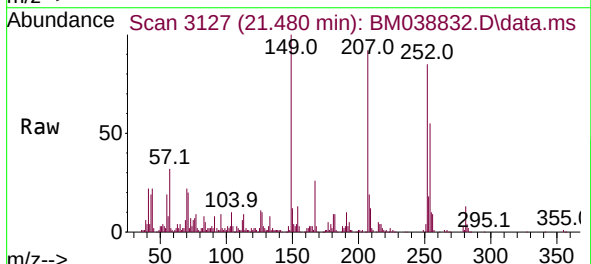
RT: 21.480 min Scan# 3127

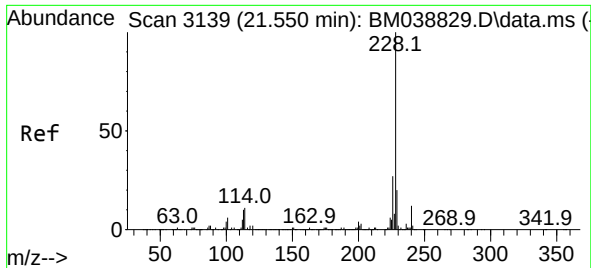
Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

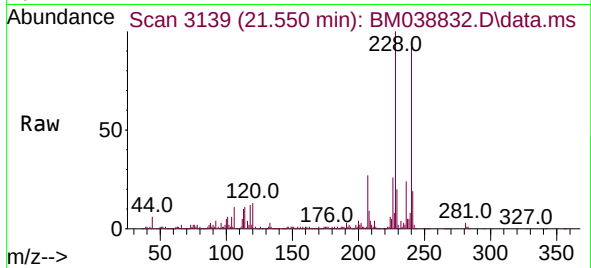
Tgt Ion:	252	Resp:	97347
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.8	77.6
126	12.4	9.0	13.4





#85
Benzo(a)anthracene
Concen: 4.737 ng/ul
RT: 21.550 min Scan# 3139
Delta R.T. -0.001 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07

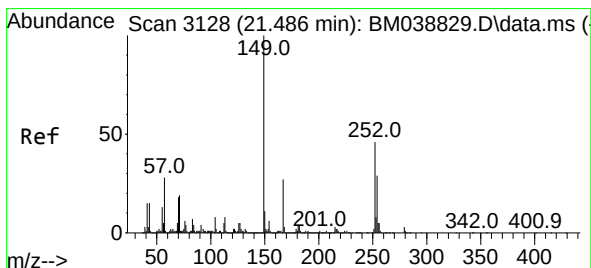
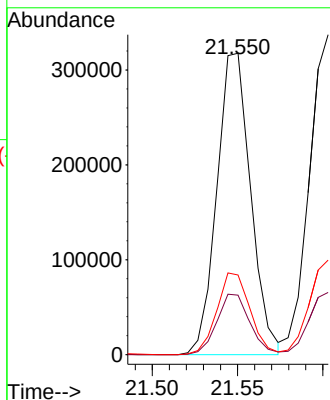
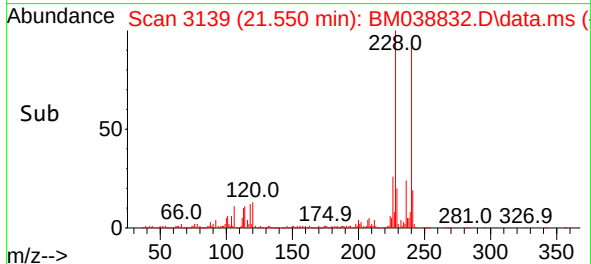
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-02



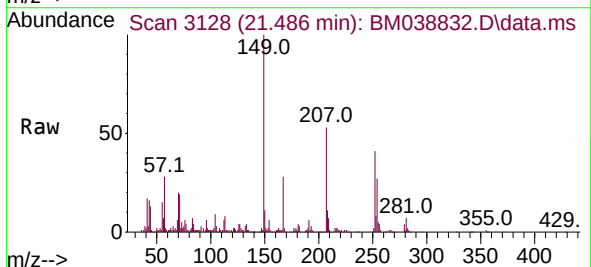
Tgt Ion:228 Resp: 438582
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 26.4 21.4 32.2

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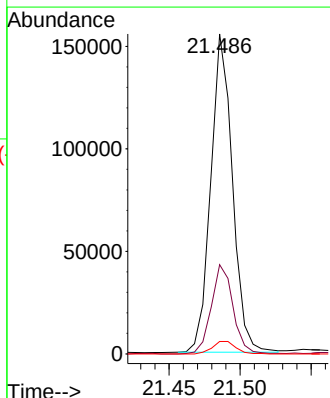
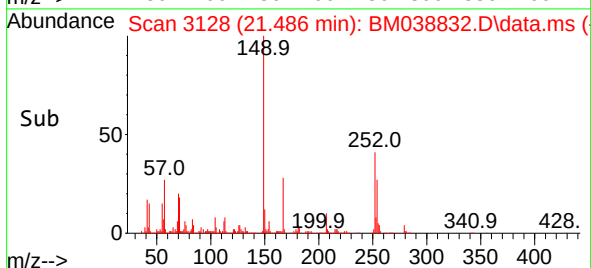
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

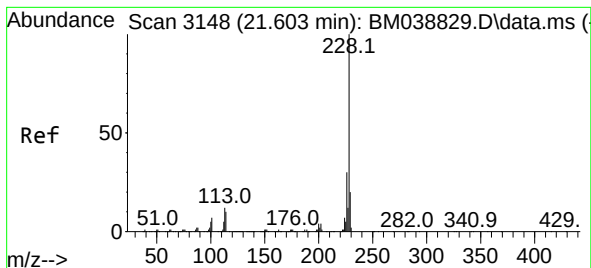


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.014 ng/ul
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM038832.D
Acq: 02 Mar 2023 11:07



Tgt Ion:149 Resp: 164804
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.2
279 3.9 3.1 4.7





#87

Chrysene

Concen: 4.955 ng/ul

RT: 21.603 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02

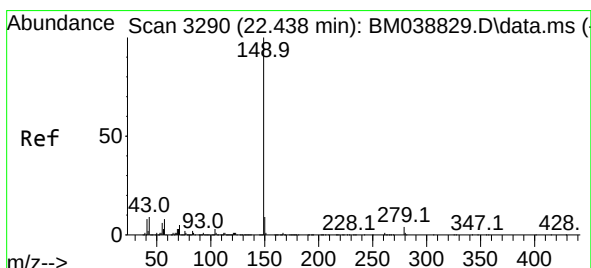
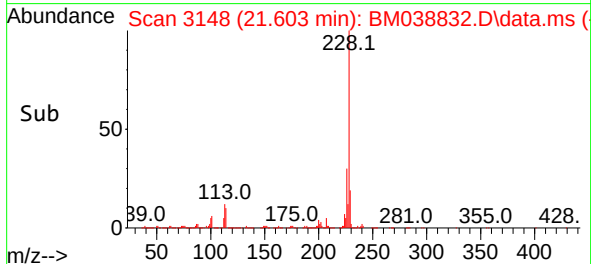
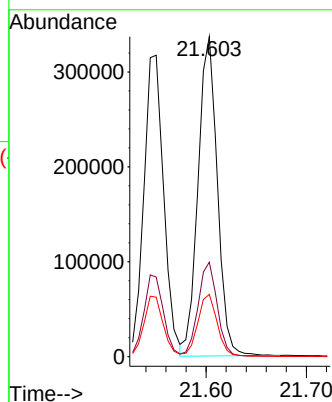
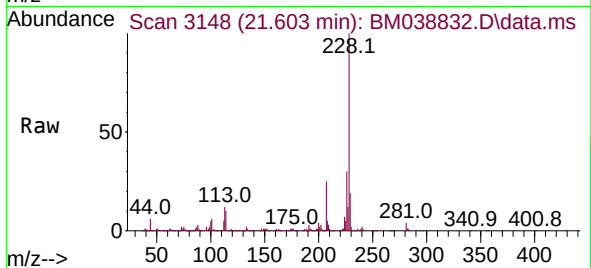
Tgt Ion:228 Resp: 448616
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.6 35.4
 229 19.4 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#89

Di-n-octyl phthalate

Concen: 3.157 ng/ul

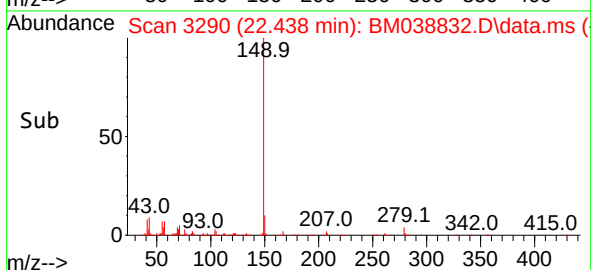
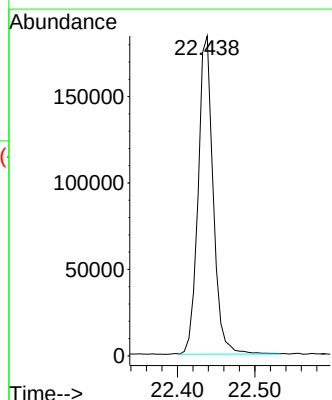
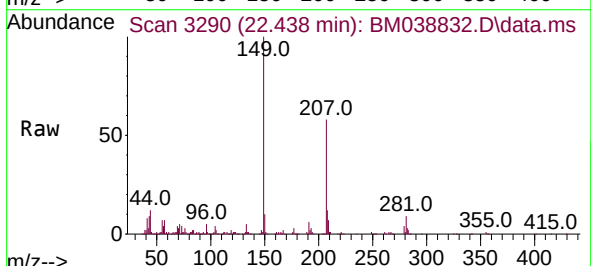
RT: 22.438 min Scan# 3290

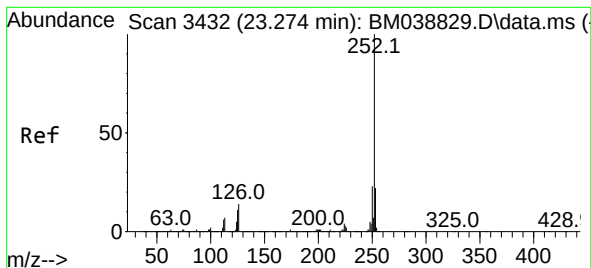
Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Tgt Ion:149 Resp: 247421





#90

Benzo(b)fluoranthene

Concen: 4.679 ng/ul

RT: 23.268 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02

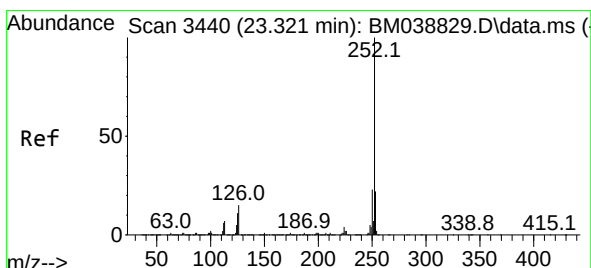
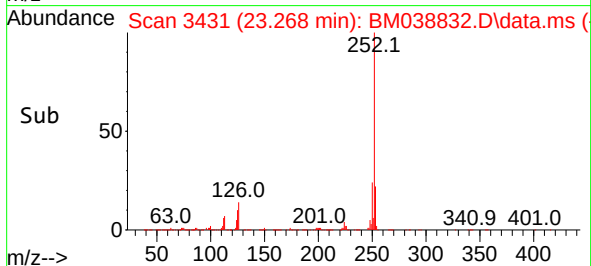
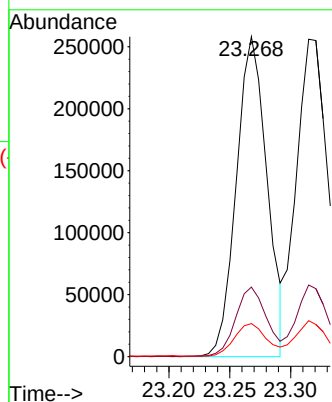
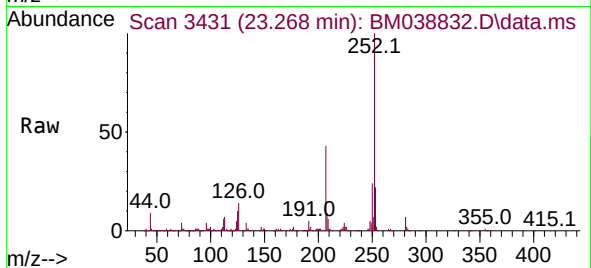
Tgt Ion:252 Resp: 452881
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 10.3 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#91

Benzo(k)fluoranthene

Concen: 4.770 ng/ul

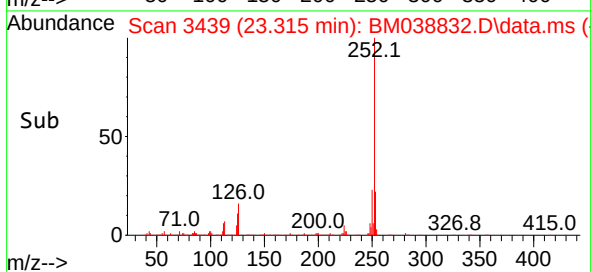
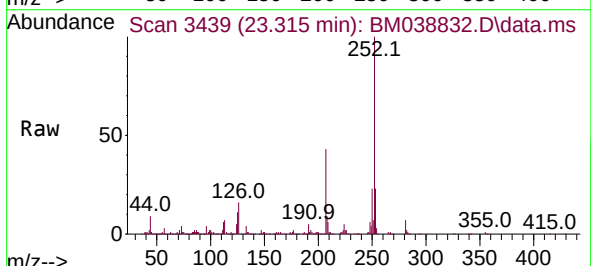
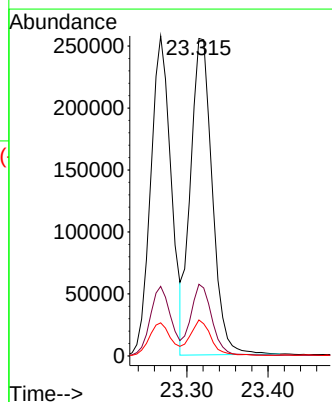
RT: 23.315 min Scan# 3439

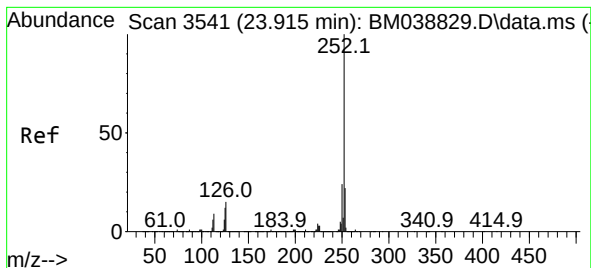
Delta R.T. -0.012 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Tgt Ion:252 Resp: 474237
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 11.3 8.4 12.6





#93

Benzo(a)pyrene

Concen: 4.818 ng/ul

RT: 23.909 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BM038832.D

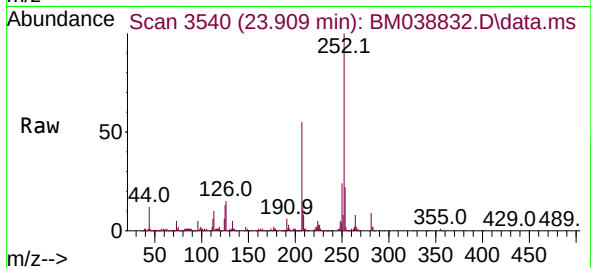
Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02



Tgt Ion:252 Resp: 43198

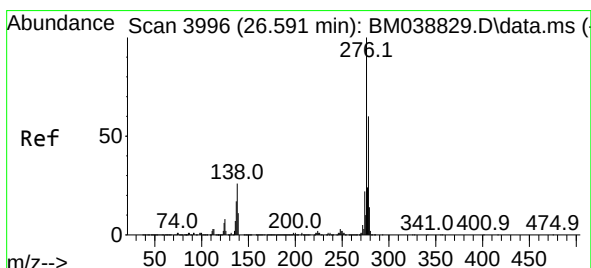
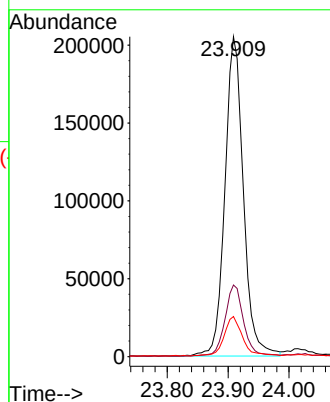
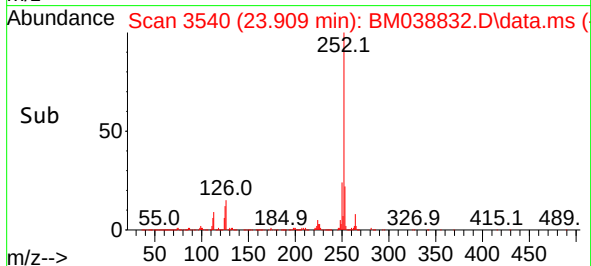
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.5	9.4	14.2

Manual Integrations

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Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.647 ng/ul

RT: 26.579 min Scan# 3994

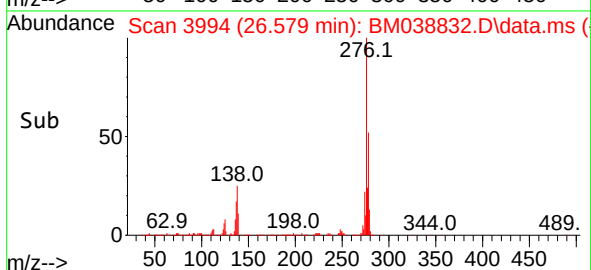
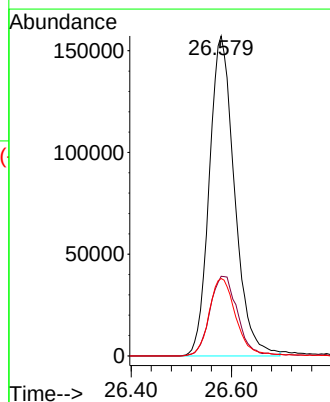
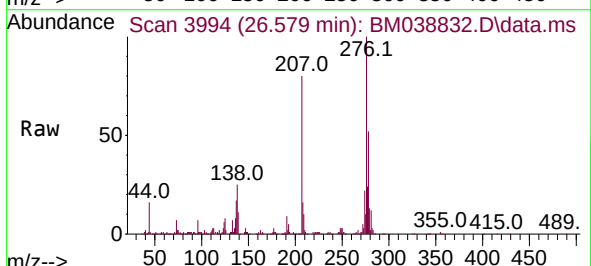
Delta R.T. -0.012 min

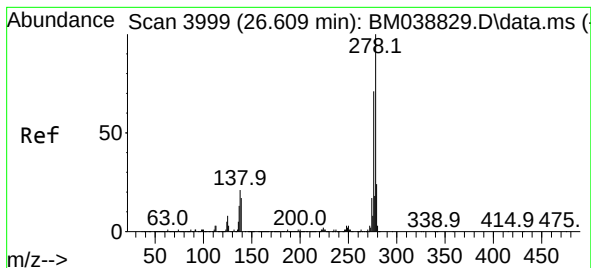
Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Tgt Ion:276 Resp: 550724

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.4
277	24.2	19.8	29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.646 ng/ul

RT: 26.603 min Scan# 3999

Delta R.T. -0.012 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-02

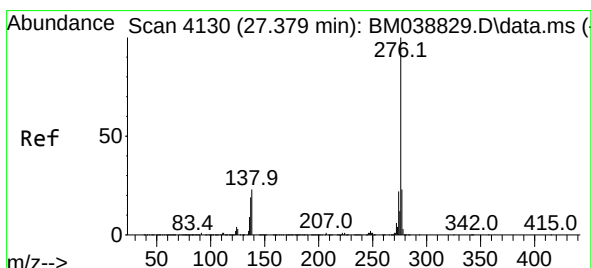
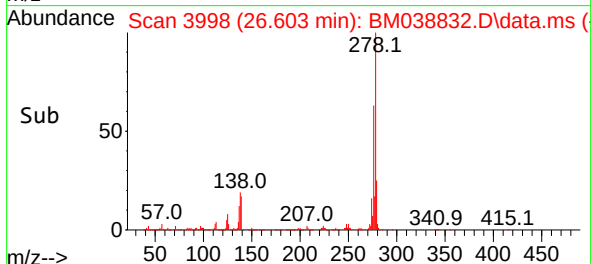
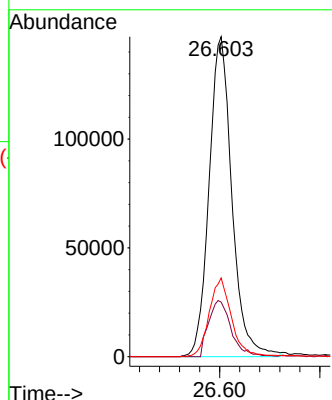
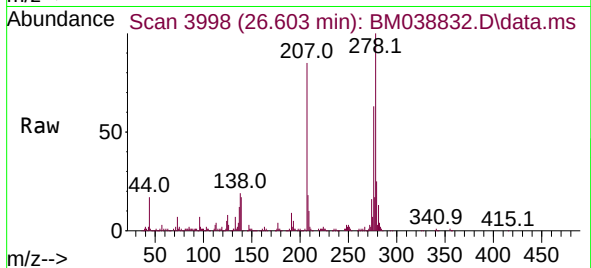
Tgt Ion:	278	Resp:	464478
Ion Ratio	Lower	Upper	
278	100		
139	17.0	13.4	20.2
279	24.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/03/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#96

Benzo(g,h,i)perylene

Concen: 4.750 ng/ul

RT: 27.362 min Scan# 4127

Delta R.T. -0.012 min

Lab File: BM038832.D

Acq: 02 Mar 2023 11:07

Tgt Ion:	276	Resp:	460932
Ion Ratio	Lower	Upper	
276	100		
138	22.1	19.4	29.0
277	23.1	18.7	28.1

